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THE CHEMIST AND DRUGGIST

MAY 18, 1935

The
CHEMIST AND DRUGGIST

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 2884
VOL. CXXII

MAY 18, 1935

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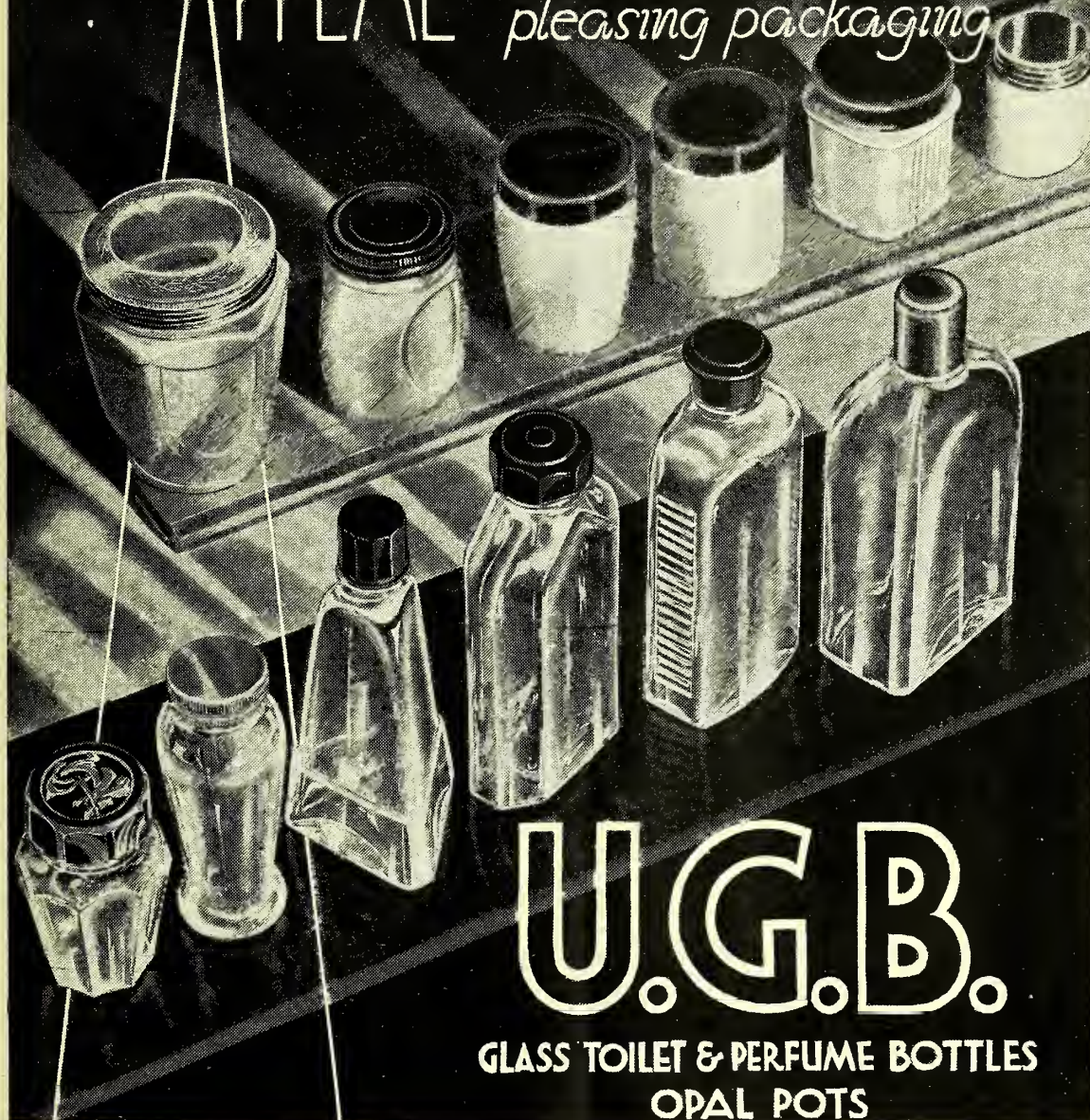
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EASY TO PREPARE
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SWEETENED AND
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FOR THE SICKROOM
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ADD CONTENTS TO
A PINT OF WARM
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Made from
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(*Pyrethrum*
Cinerariaefolium)

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20	(1 " " 20 ")	3/6
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LESS 33 $\frac{1}{3}$ % Ample display material available

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Millions more
heads like this



are going to
look like this



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ANZORA, always the biggest selling hair fixative, is now placed within reach of a vast new market. The reduction in price makes it available for many who could not afford the old price, reasonable though it was.

It is a tribute to the popularity of ANZORA that imitations have sprung up. And it is a tribute to the merit of Anzora that no competitor has ever equalled its quality or captured its market. It is better to sell ANZORA exclusively because then you can be sure that every customer is satisfied. Let ANZORA add to your goodwill.

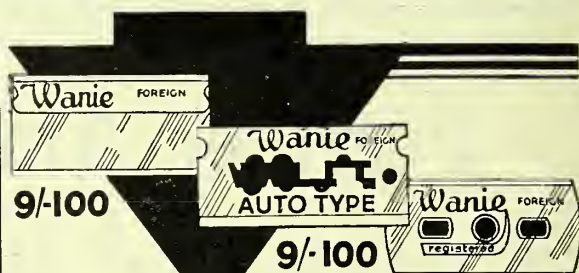
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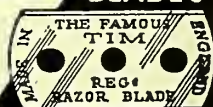
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BLADES**

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This cap re-places the old paper cap. It is more attractive, more hygienic, and quicker to apply.

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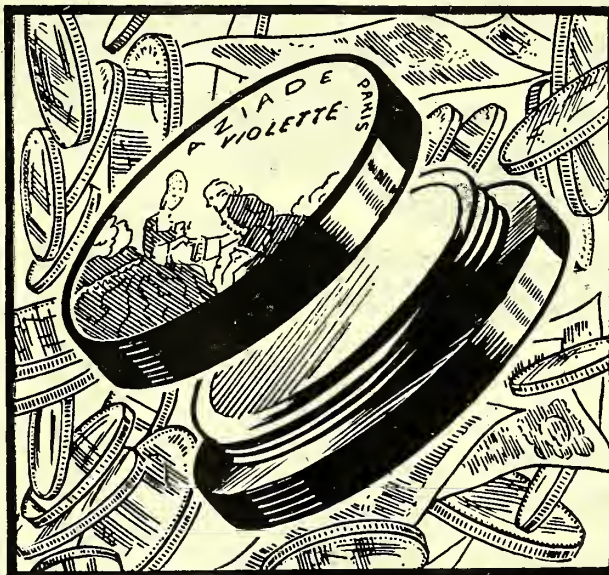
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IN ALL THE
LEADING
WOMEN'S
JOURNALS**

CAMILATONE'S

New PROFIT-MAKER



**IS
MAKING
SALES
HISTORY!**



Camilatone's GOLDTONE Shampoo with the wonderful new GOLD 3N TONRINZ—the mildest Tonic Shampoo ever produced—has proved an almost unprecedented success. From all over the country new orders and repeat orders are coming in for supplies to meet the quickly rising demand. Already GOLDTONE has taken its place as one of Camilatone's most popular and profitable lines. This quick rise in popularity is due to the high quality and efficacy of this new line, and the fact that, like all other Camilatone products, it is being heavily advertised in the leading national and localised newspapers. Stock and display GOLDTONE and ensure that your share of this new business is turned into *your* Salon.

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UNCEASINGLY**

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**GOLDTONE
SHAMPOO**

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**WE OFFER
A BOTTLE
CAPPING**

**WE OFFER
A BOTTLE CAPPING
GIVING
THE FOLLOWING
ADVANTAGES:**

**SPEED OF OPERATION—
PERFECTION OF FINISH—
MINIMUM OF WASTE. In
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RED, WHITE or BLUE. Special
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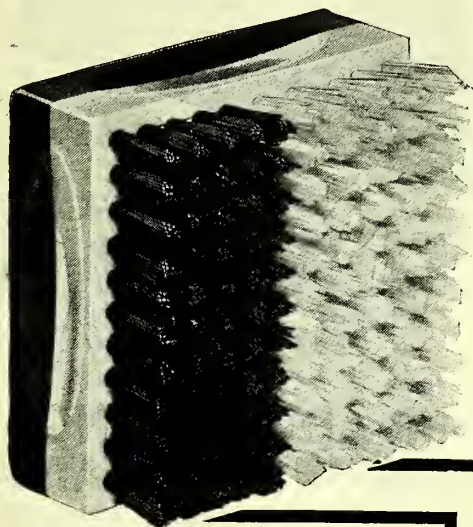
PRICE
**12/- to 15/- per gallon
according to quantity.**

May we give you the pleasure
of testing it? Write for Sample
C.S.I. to:

DOPE DEPARTMENT
British Celanese Limited, Celanese House,
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NAIL BRUSH

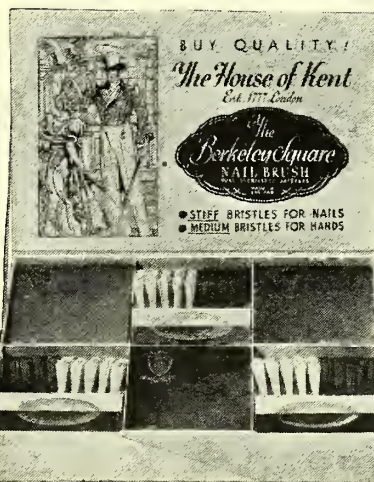
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- Bevelled sides for handy grip
- Pure sterilised Bristles
- Attractive colour range for modern Bathrooms
- Medium Bristles for Hands
- Stiff Bristles for Nails

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& SONS, LTD.**

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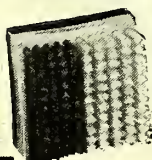


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DISPLAY BOX





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6d. size @ 4/- dozen 1/- size @ 8/- dozen
1/6 size @ 12/- dozen

BONUS TERMS:

Thirteen bottles to the dozen for 1/- and 1/6 sizes only.

Special Carriage-Paid Parcels ON BONUS TERMS:

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With FREE BONUS of 4 x 1/- bottles.

No. 2 PARCEL. 3 dozen 1/- size 1 dozen 1/6 size.

With FREE BONUS of 3 x 1/- and 1 x 1/6 bottles



JULYSIA HAIR CREAM

A product of Jules Freres, Ltd.,
Perfumers, 154-164 Walworth Rd., S.E.17
BEAUTIFUL AND ATTRACTIVE SHOWCARDS



A bigger **SUCCESS** than ever... this Summer

**"Nurona" prevents Sun-burn
...encourages rapid Tanning...**

Also a soothing application after over-exposure

Retail Price

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per bottle
P.A.T.A.

The efficient qualities of NURONA as a sun-tan cream made it amazingly popular with the public last summer. NURONA will sell, more than anything, on the sincere recommendation of satisfied users. To the Chemist it offers quick, easy sales and generous profit.

NATIONAL ADVERTISING

for NURONA is to appear during June, July and August. Millions of prospective purchasers will see the announcements in "WOMAN & BEAUTY," "MISS MODERN," "MODERN WEEKLY," "PASSING SHOW," "FILM PICTORIAL," "PICTUREGOER," "THE DAILY DISPATCH," "MANCHESTER EVENING NEWS," "GLASGOW BULLETIN," etc., etc.



Non greasy
Elegantly packed
Pleasantly perfumed



Don't miss your share of the trade this advertising will create. Anticipate the holiday season with a generous stock of NURONA—and keep it well displayed. Write to-day for Bonus Terms and attractive display material.

JAMES WOOLLEY SONS & CO. LTD., Victoria Bridge, MANCHESTER



They need

Forhan's FOR THE **gums** *to prevent pyorrhoea*

Striking new advertisements for Forhan's for the Gums are now appearing in leading newspapers and magazines. The true facts about Pyorrhoea are presented in a straightforward narrative form with a personal theme written round human people in a human way.

Millions of men and women throughout the country are learning of the Simplicity of Pyorrhoea Prevention with Forhan's for the Gums. The modern, logical appeal that Prevention is better than Cure is causing thinking people to turn to Forhan's for their own health's sake—for the words "Pyorrhoea Prevention" and "Forhan's" are to-day synonymous.

Each one of the new Forhan's advertisements contains the phrase, "When next you see Forhan's displayed—buy then and there!" A large and regular custom awaits the shop with a prominent Forhan's Display.

Forhan's Ltd.,
Aldwych House, London, W.C.2

SUN TAN OIL

A specially selected vegetable oil of exceptional quality.

Supplied in 2 gallon Cans or 5 gallon Drums.

Sample & Quotation on application to:

G. E. THURLEY & SON
UNITY WORKS
Latimer Road
LONDON, E.7

"BONCILLA"

is the most recommended of all Beauty Treatments by Beauty Editresses in the Press everywhere. It never fails and therefore can easily enhance your prestige and profit.

Send for Price List to:—

J. C. GAMBLE & CO., LTD.
211-215 BLACKFRIARS ROAD,
LONDON, S.E.1.

We shall welcome your enquiries for

SHAVING CREAMS

POMADE HONGROISE

POWDERED SOAP

SHAMPOO POWDERS

A. GIDLOW & CO. BROOM LANE, MANCHESTER

Telephone No.: Rusholme 2676

Adelaide Grey



THE BOND STREET BEAUTY SPECIALIST

SAYS

LALEEK BEAUTY PREPARATIONS

BRING RISING SALES & INCREASED PROFITS

Laleek sales are soaring higher and higher . . . Laleek profits are growing bigger and bigger. Chemists all over the country are proving this week after week. Laleek offers a complete range of medically-approved beauty aids, covering all requirements and priced to suit all purses. A nation-wide advertising campaign is introducing these preparations to **2 MILLION PEOPLE EVERY MONTH**. Get your share of this profitable business—write for details today.

ADELAIDE GREY *Beauty Specialist*
27, OLD BOND ST. LONDON W-1.



**LALEEK-
USED BY
ROYALTY**

Announcing
**THE GREAT
BRYLCREEM
WINDOW DISPLAY
COMPETITION** **JUNE 3rd. to
JULY 3rd.**

**1st.
PRIZE** **£50**
**2nd.
PRIZE** **£20**
**3rd.
PRIZE** **£5**

*And many valuable Consolation
Prizes and free parcels.*

If you have not received a copy of our folder giving full particulars of the Prizes and Consolation Gifts, write us at once.

This Window Display Competition gives you an added incentive to link up with our nation-wide publicity.

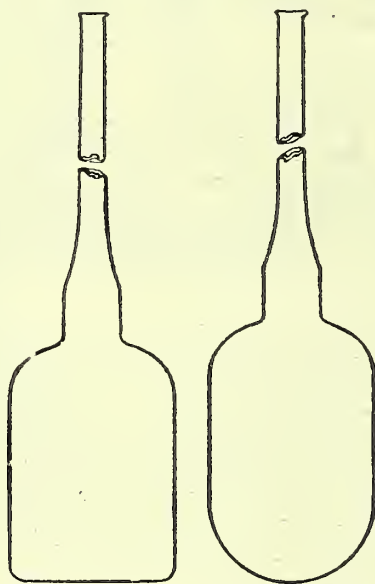
BRYLCREEM now is your best seller, and it pays you to display, for the more you display the more you sell—and BRYLCREEM shows you a very generous profit for your interest. Link up with the BRYLCREEM WINDOW DISPLAY COMPETITION, and win one of the big cash prizes.



The County Perfumery Company, North Circular Road, Twyford Abbey, London, N.W.10

AMPOULES IN NEUTRAL GLASS

Clear and Amber



Flat Bottom

Round Bottom

*In a large range of sizes from
 $\frac{1}{2}$ oz. upwards.*

The *Ampoules* are Spun and are of the finest quality and finish.

The *Neutral Glass* is designed to meet the requirements of the British Pharmacopœia as to limits of Alkalinity.



**WOOD BROS. GLASS CO.,
LIMITED**

(ESTABLISHED 1828)

BARNSELY,

ENGLAND

CORKS

for Chemists.

Send us your Enquiries
and compare our prices.

Wholesale and Export.

C. OLLEY & SONS, Ltd.

Established 1844

Camperdown St. and Gt. Alie St., London, E.1

Tel. No.: Royal 2868. Tel. Ad.: "Circumference, Ald. London."

METALLIC CAPSULES

FOR ALL KINDS OF BOTTLES AND JARS

The Tonkin Metallic Capsule Co.

Proprietors: C. Olley & Sons, Ltd.



FOR BETTER BOTTLES
-better see BARNETT!
SPECIALISTS IN TOILET BOTTLES!
WHOLESALE ONLY

JACK L. BARNETT, LTD.

18 Basinghall St., Leeds, 1

Phone: 28447

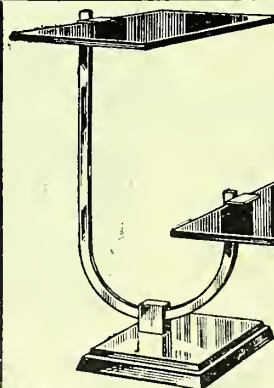
F. MAUND & E. BERG (SHOWCASES) Ltd.

SHOPFITTERS & SHOPFRONT BUILDERS

175/9 OLD STREET, LONDON, E.C.1

Telephone: Clerkenwell 1782/3

are offering for sale, at competitive prices,
an extensive and exceptionally full range of
Chemists' Fittings, Second-hand and New.



DUDLEYS
for
Display Fittings
No. C.D.F. 5278

Chromium-Plated Stand
12" high with 2
Black Glass
Shelves size
10" x 6"
12/- each.

Get our full Catalogue No. C.D.1610
which we feel sure will interest you.
DUDLEY & COMPANY, LTD.
451 Holloway Rd., London, N.7
City Showrooms: 65 Fore St., E.C.2

QUALITY!

OBVIOUSLY AN IBC PRODUCT

WOLFE

BLAKE

MARLBORO

HAWKE

HOOD

These containers are obtainable in 1, 2, 4, 8 oz. capacities and are fitted with "Beetle" closures which can be supplied in various delicate shades to match your labels or boxes.

Wholesale and export only.

THE
INTERNATIONAL BOTTLE Co. LTD.
48, FORE STREET, LONDON, E.C.2

'Phone : MET. 6161 (4 lines).

'Grams : "AUTREFOIS-TELEX-LONDON."

AN OPEN LETTER TO

Gentlemen,

The object of this letter is not an advertisement but TO ENDEAVOUR TO BRING ABOUT A FEELING OF GOODWILL between DEALERS themselves, FINISHERS themselves, and DEALERS and FINISHERS TOGETHER.

For the past three years there has been a decline in Amateur Photography, especially D. and P.

Now let us try and get at the bottom of things. First of all there is no doubt that the country is overwhelmed with Dealers. The Manufacturers I understand have now realised this and there is a possibility that this will be remedied. Obviously a great deal depends on the Dealer, whether he backs them up and sticks to the Firms who are Advertising and Encouraging Photography. The well-known Manufacturers have been blamed for a high-handed Policy in the past, and in many cases they deserved it.

With regard to the Finisher, the Manufacturer is still acting foolishly, and it is here that he should watch his steps. THE MANUFACTURER WILL SUPPLY ANYONE WHO SAYS HE IS A FINISHER with Paper AND BRANDED PAPER AT THAT. PRICECUTTERS CAN GET AS MUCH BRANDED PAPER AS THEY LIKE DIRECT FROM THE MANUFACTURERS. The result being that the Public can buy a BRANDED PRINT in one shop at 2d. and next door a PRINT with the SAME BRAND at 1½d. and sometimes a 1d.

Regarding PRICECUTTING of D. and P. In every case where there is Pricecutting, it is the DEALER TO BLAME. THE DEALER MAKES THE FINISHER. Saturation point has been reached on the Dealer's side, and also on the Finisher's side. Up to date the D. and P. has been steered in the right Channels:—to the Photographic Dealer, but what of the future? We all admit that

We publish our Name and

THE GEORGE BROWN PHOTO

who wish all concerned in the Photographic Trade, GOOD

PHOTOGRAPHIC DEALERS

Saturation point has been reached, yet today more Dealers than ever, in order to get either larger discounts or to cut prices, are dropping the Established Finisher with thousands of pounds invested in his Factory, and giving their work to anyone who says he is a Finisher. The fact that the work is often finished under filthy conditions has not been thought of.

Now, Gentlemen, what is the Established Finisher going to do? Is he going to sit tight and lose his business and do nothing? NOT LIKELY. He has got to find another market. Obviously if the Dealers are not going to support him, he has got to go elsewhere. He of course has a very good advertising and fighting Medium in his hands:—he would be able to Publish the names and addresses of all those Dealers he has done work for. Celluloid Films are easily obtainable from Abroad and at such prices that they could be cut. With a flooded market, for every New Finisher that a Dealer makes, so the established Finisher must find twenty new accounts. Where is he to find them? Not amongst the recognised Dealers.

Once again we say that the object of this letter is to try and clear the air, and to establish GOODWILL.

We suggest that an entirely NEW ASSOCIATION is formed JOINTLY of RECOGNISED DEALERS AND FINISHERS in every thickly populated area. Not a National Body, but a LOCAL BODY with LOCAL INTERESTS.

An ASSOCIATION of FRIENDSHIP between DEALERS themselves to overcome any mutual mistrust, an ASSOCIATION of FINISHERS for the same purpose, and above all AN ASSOCIATION OF BOTH DEALERS AND FINISHERS to work together for betterment of the Trade Generally, and for GOODFELLOWSHIP.

Address for obvious reasons

CO., LTD., MANCHESTER.
HEALTH, GOOD FELLOWSHIP, and PROSPERITY



SHADEINE
FOR TINTING GREY HAIR

This popular article is largely advertised and stocked by all Wholesale Houses.

Trial size 8d., per doz. 6/-
1/1 size, per doz. 12/-
2/6 size, per doz. 24/-
3/9 size, per doz. 36/-

The SHADEINE Co., 58, Westbourne Grove, London, W.2

Eau de Cologne . . . Lavender Water.

ALL TOILET PREPARATIONS

Low, Son & Haydon, Limited

5 QT. QUEEN ST., LONDON, W.C.2 COURT
TELEPHONE: HOLBORN 4007 EST. 1790 PERFUMERS

ENGLISH OIL OF CAMOMILE
(ANTHEMIS NOBILIS)

From Plants Grown on My Own Farm

R. W. B. STARKE
The CHESTNUTS FARM, EYE, SUFFOLK

Also ENGLISH CAMOMILE FLOWERS

Are you stocking

YESTAMIN?

Dried Yeast in its most concentrated and most convenient form—powder and tablets. Generous terms and good discounts. Write today to:

WOOLDRIDGE MEDICINE Co., Ltd., 16 Cedars Rd., London, S.W.4

URICURE TABLETS

Greatest of all Rheumatic Remedies

1'3 SIZE 7/ DOZ 3' SIZE 17/6 5' SIZE 25/-

THE ACTON PILL & TABLET CO. LTD. ASH VALE SURREY

BLYTON, ASTLEY & CO. LTD.
Eagle Laboratories, Lr. Broughton, Manchester,

FOR

LOZENGES, PASTILLES, "MENTHELLS,"
and Quick-Selling SPECIALITIES.



AZYMA CACHETS
FRENCH, MORSTADT.
and the DRY CLOSING SERIES

Special quotations for quantities and for printing

Write for Samples to
CICERO S. CLARK, Sole Agent
12 RICHMOND ROAD W.2

3/3 per 1,000
ALL SIZES
(Carr. paid on 4,000)

BATLEY'S YERBA MATÉ

The merits of this famous health tea from South America are well known. Stimulating, nourishing, it is invaluable for Rheumatism, Dyspepsia, &c. Once introduced it means regular customers all the year round. Why not get your share of this business? We will send you sample dozen elegantly packed for 9/- C.O.D.

BATLEY & Co. Stockport. Telephone: Stockport 3323
Stockists: MAY ROBERTS & CO., LTD.

GARFIELD TEA
FOR CONSTIPATION

Order from your Wholesaler

GARFIELD TEA CO. 44 Foxbourne Road,
BALHAM, LONDON, S.W.17

ALL CHEMISTS SHOULD STOCK

ABDINE

THE GOLD MEDAL HEALTH DRINK. Quick Seller. Big Profits. Over 60 years' Reputation. "Abdine" is obtainable from the Wholesale Houses. Attractive Display Material constantly available.

DUNCAN MCGILASHAN LTD., ABDINE WORKS, WESTFIELD RD., EDINBURGH

GLYCERINE

The Purest Quality on the Market. Produced by
THOMAS HEDLEY & CO., LTD., TRAFFORD PARK
Chemically Pure B.P. Industrial White. Pale Straw.

Sole Distributors:
FREDK. BOEHM LTD., 17 Jewry St., London, E.C.3
and 140 West George Street, Glasgow

'DOMCO' (Regd.) MALT & COD LIVER OIL AND
MALT & HALIBUT LIVER OIL

are exceptionally palatable preparations
carrying a good profit margin

Both these quality products are supplied in 1, 2, & 7 lb. jars individually wrapped, or in 1 lb. containers for N.H.I. purposes.

Quotations from—
D. MAWDSLEY & CO. 4 & 6 Riga Street, Shudehill,
MANCHESTER

"VITAMIN TESTED YEAST"

Yeast specially prepared for medicinal purposes

GUARANTEED ABSOLUTELY PURE

MIDGLEY & PARKINSON, LTD.
Warren Works, Pudsey, LEEDS

6d. TANNA BRAND LIVER PILLS
ARE QUICK SELLERS IN ALL DISTRICTS

1 Dozen at 4/-. 3 dozen at 3/9, 6 dozen at 3/6. Carriage paid. Cash with Order or through your usual wholesaler. Special Offer.—To Chemists who do not already stock we will forward 1 Doz. Carriage Paid on receipt of P.O. 2/-. 1 Doz. only to each shop at this price.

Bert Singleton (Chemist), Spring Hill, Accrington, Lancs.

CONTRACEPTIVES

We have been supplying Contraceptives of all kinds now for over 30 years and our well-known Safeguard & Empire Brands are still as popular as ever. THESE FACTS SPEAK FOR THEMSELVES and prove the confidence we have secured which is the fundamental principle in selling these goods.

All our Brands are guaranteed to be of the finest manufacture.

Write for complete Price List and Samples.

BURGE, WARREN & RIDGLEY, LTD.
91-92 Great Saffron Hill, London, E.C.1

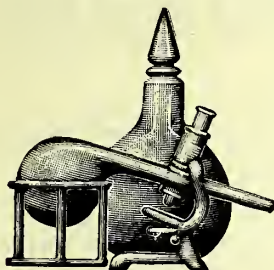
FREE and POST FREE

NEW CO-RE-GA CARD

Display it and increase your sales

THOS. CHRISTY & Co., Ltd., Old Swan Lane, London, E.9.4

How to make more money out of LYSOL



You can sell a bottle of Lysol for 6d. or less, but can you be certain that it will do its job properly?—there's one thing about it you CAN be certain of and that is there's precious little profit in the sale.

When you sell MARSHALL'S Lysol you get a bigger profit out of it and your customer will respect your judgment.

Here are three selling points of MARSHALL'S Lysol:—

1. Its germicidal power is guaranteed to be the same in every bottle.
2. Its unusually high soap content avoids irritation and ensures higher lubricating qualities.
3. It is the original Lysol, and because of its exclusive methods of manufacture it is still the best.

● Effective advertising for Marshall's Lysol is now appearing in a complete list of publications circulating among the medical, dental and nursing professions, as well as in the leading hospital journals.

MARSHALL'S LYSOL



Reduced Specimen Printed
Red and Black ink on
White paper, gummed



COMPOUND
Glycerine
OF
Thymol
B.P.C.

DENTIFRICE, GARGLE,
AND
NASAL DOUCHE.

As a Mouth Wash.—Add one tea-spoonful to a third of a tumbler of tepid water.

As a Gargle.—Use one tea-spoonful with one or two table-spoonfuls of warm water.

As a Dentifrice.—Use a few drops on a wet tooth-brush.

As a Nasal Douche.—Add one tea-spoonful to a table-spoonful of warm water.

Reduced Specimen Printed
Chocolate ink on Buff
Tinted paper, gummed

Reduced Specimen Printed
Black ink on White
... paper, gummed ...

Medicinal
Liquid
Paraffin
HIGHLY PURIFIED.

Prepared by a
special process for internal
administration.

DOSE.

A dessert-spoonful to a
table-spoonful, night and
morning.

SUTTLEY & SILVERLOCK LTD. have specialised in the production of Chemists' Printing for over a century. Write for Specimens of our newly designed labels for your Packed Line Products to



SUTTLEY & SILVERLOCK LTD.

LABEL DEPARTMENT

ANDOVER

HANTS



TAPERED, PYRAMID, DOMED AND
FLANGE **CORKS**

COMPOSITION AND BAKELITE
STOPPERS

THE MOST COMPETITIVE MANUFACTURERS IN
THIS COUNTRY

MUNDET CORK PRODUCTS, LTD.
12/18 ABBEY ST., TOWER BRIDGE ROAD, S.E.1

Telegrams:
MUNDETCOMP, BERM, LONDON

Telephone:
HOP 2043-4-5

NURSE HARVEY'S MIXTURE

A safe, simple and reliable remedy for Children's Ailments is advertised so extensively in the daily and weekly Press as to bring mothers to the retailer without effort on his part.

The selling has been done before the mother reaches the chemist, and, having supplied her, it is only common sense to claim she will buy other family necessities from him. Moreover, the continuous demand for it produces a quick turnover.

For Direct Terms apply to—

OSCAR SCRUTON & Co., YORK

**INCREASE YOUR DEVELOPING
AND PRINTING SERVICE!**

MAKE USE OF OUR REALLY USEFUL SERIES OF
D. & P. BOOKS, ALSO OUR PRINTED AIDS TO SELLING

INTERESTING RANGE OF SAMPLES POST FREE

BURALL BROS., WISBECH, Cambs.

OPTICAL TUITION

FOR THE

S.M.C., B.O.A. and N.A.O. DIPLOMA Examinations

Particulars:—

C. A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.S.
50 HIGH STREET, BARNET, LONDON, N.



**NOBBY'S
EXTRACT**

SUMMER IS COMING—HOW ARE YOUR STOCKS?

You can increase your turnover and profits by displaying this seasonal line. Home Brewing is definitely in favour—get your share of the trade. May we send you a free sample tin and literature?

NOBBY'S PRODUCTS LTD., CHEAPSIDE, HYDE, Ches.

A Line for the Gardener

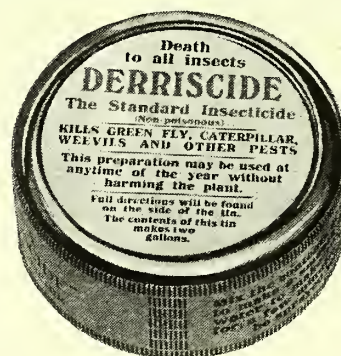
DERRISCIDE (PASTE)



**Kills Green Fly,
Caterpillars,
Weevils and
other pests**

6d. TINS, 4/- doz. 3 doz. @ 3/9
Gr. @ 3/6

1 lb. TINS - - - 1s. 4d. lb.
7 lb. TINS - - - 1s. 3d. lb.
14 lb. TINS - - - 1s. 2d. lb.



A 6d. Tin makes 2 gallons of Spray

A STANDARD INSECTICIDE

POTTER & CLARKE LTD.

60-64 ARTILLERY LANE, LONDON, E.1

Telephone : Bishopsgate 4761 (5 lines)

Telegrams : "Horehound, Phone, London"

AND AT 77 DANTZIC STREET, MANCHESTER, 4.

Telephone : Blackfriars 8734

Telegrams : "Horehound, Manchester"

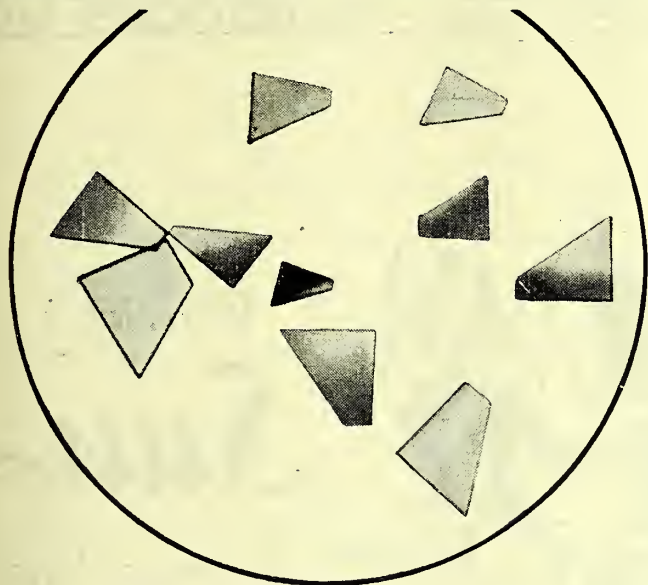


SASSO OLIVE OIL

PRODUCERS **P. SASSO & FIGLI** ONEGLIA ITALY

SOLE DISTRIBUTORS **FREDK. BOEHM LTD.** 17 JEWRY STREET LONDON, E.C.3

DIGOXIN (B. W. & Co.)



Graphic
evidence of
purity and
uniform
chemical
composition

This enlarged photo-micrograph shows a representative field of DIGOXIN crystals. Observe the sharp edges, regular shape and absence of different forms—definite features indicating homogeneity.

DIGOXIN was discovered and prepared by Burroughs Wellcome & Co., who were the pioneer investigators of *Digitalis lanata*.

TRADE MARK 'TABLOID' BRAND DIGOXIN *For Oral Use*
0.25 mgm.

Bottles of 25 products, 25/- per doz. bottles Bottles of 100 products, 88/- per doz. bottles

SOLUTION OF DIGOXIN *For Oral Use*
(B. W. & Co.) 0.5 mgm. in 1 c.c.

Bottles of 30 c.c. (with Pipette), 54/- per doz. bottles Bottles of 250 c.c., 370/- per doz. bottles

DIGOXIN (B. W. & Co.)

is a pure, stable, crystallized glucoside isolated from leaves of *Digitalis lanata* which is much more active therapeutically than *Digitalis purpurea*

TRADE MARK 'HYPOLOID' BRAND DIGOXIN *For Injection*

Each ampoule contains 0.5 mgm. Digoxin in 70 per cent. alcohol
Boxes of 10 'Hypoloid' ampoules of 1 c.c., at 45/- per doz. boxes

London Prices to the Trade (Subject)



BURROUGHS WELLCOME & CO., LONDON
G 1868 COPYRIGHT

SUPREME QUALITY IS BURROUGHS WELLCOME QUALITY

WARRICK·BROS·L^D

R. HENDRIE & CO. • ESTAB. 1760 • MADDOCKS & CO



Warrick's *Sun* Preparations

Sun Tan Cream

A perfumed vanishing cream staining the skin a natural tan and leaving a surface which readily takes powder.

Glass Pots, Bakelite Screw Caps.

6/6 & 12/- per dozen.

Sunburn Cream

A soothing, non-greasy cream, excellent for the relief of sunburn.

Tubes, in boxes.

7/- per dozen.

Sunburn Oil

A perfumed and coloured vegetable oil for producing a sea-side tan without discomfort.

2 and 4 oz. sprinkler neck bottles,

Bakelite Screw Caps.

6/- & 11/- per dozen.

Sunburn Lotion

A perfumed lotion of the calamine type.

2, 4 & 8 oz. bottles.

6/-; 8/6 & 13/6 per dozen.

WARRICK BROTHERS, L^{TD}

Telephone : Clerkenwell 2452 (two lines).

Telegrams : Warrickers, Nordo-London.

NILE STREET, • LONDON

THE CHEMIST AND DRUGGIST

A Weekly Journal of Pharmacy, the Drug, Chemical and Allied Trades

*The official organ of The Pharmaceutical Society of Ireland,
The Pharmaceutical Society of Northern Ireland,
The Chemists' and Druggists' Society of Ireland, and of
other Chemists' Societies in Overseas Dominions*

PUBLISHED AT
28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London"

Telephone: Central 6565 (8 lines)

BRANCH OFFICES

4 CANNON STREET, MANCHESTER (TEL.: BLACKFRIARS 3052)

19 WATERLOO STREET, GLASGOW (TEL.: CENTRAL 2329)

155 AVENUE DE WAGRAM, PARIS, XVII^e (TEL.: ETOILE 19-79)

PLANTAGE FRANSCHELAAN 32 AMSTERDAM-C, HOLLAND

54 FOSTER'S BUILDINGS, HIGH STREET, SHEFFIELD (TEL.: 22458)

372 FLINDERS LANE, MELBOURNE, AUSTRALIA

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News of the Week

Import Duties Advisory Committee Notice

The Import Duties Advisory Committee give notice of the following applications:—For an increase in the import duties on:—

Linseed oil;

Strips for pencils, pastels and crayons, of whatever material composed.

Any representations which interested parties may desire to make in regard to these applications should be addressed in writing to the Secretary, Import Duties Advisory Committee, Caxton House (West Block), Tothill Street, Westminster, London, S.W.1, not later than June 6, 1935.

International Congress of Traders at Antwerp

The second International Congress of Traders, organised by the Comité International des Echanges, will be held at Antwerp on July 13 next. Sixty-seven nations will be represented at the congress. The chief subject to be dealt with is to find ways and means of overcoming the barriers to international trade. Particulars may be obtained from the Secretary, the Comité International des Echanges, 3 Place du Palais Bourbon, Paris.

Sales by Clinics

A discussion took place at the spring conference of the North Yorkshire and South Durham Federated Chambers of Trade, held at Stockton on May 8, on the sale by clinics of proprietary articles usually supplied by chemists, and at prices with which chemists were unable to compete. On behalf of the Redcar Chamber of Trade Mr. A. G. Boothroyd moved the adoption of the following resolution:—"That this Federation views with grave concern the prevalence of clinics supplying proprietary articles at prices much below those at which traders

can afford to sell them, especially to those who can well afford to pay the full retail charge." Mr. A. Southeran seconded. Mr. A. W. Hildreth opposed, chiefly on the ground that the resolution conveyed the erroneous impression that all traders were concerned about was profits. The position with regard to clinics was that if a family were virtually destitute they received goods from the clinic for nothing, but if they could afford to pay anything they were made to pay. The affair did not amount to much from the chemists' point of view. Mr. H. Murdoch said he did not believe the clinics provided people with goods who were in a position to pay for them. Mr. Boothroyd said the motion had been before the National Chamber, and it was felt that attention should be called to the anomalies which arose when goods were handed out indiscriminately at the clinics. There were people who obtained the commodities and sold them to get other things. Mr. Harrison explained that the motion was brought forward at the instance of a Redcar chemist who asked what could be done with regard to clinics which sent orders to local multiple stores. The local chemists felt they should have a chance of supplying the goods. After further discussion the motion was withdrawn.

Dangerous Drugs Acts, 1920-32

SUSPENSION OF WITHDRAWAL OF AUTHORISATIONS:
(GEORGE SANDERS)

The Home Secretary gives notice that he has suspended until further order the operation of the Notice, dated March 19, 1934, and published in the "London Gazette" and "Edinburgh Gazette" on March 23, 1934, withdrawing from George Sanders the authority granted by the Regulations made under the Dangerous Drugs Act, 1920, to persons who lawfully keep open shop for the retailing of poisons to be in possession of and to supply raw opium, coca leaves and Indian hemp or to manufacture any extract or tincture of Indian

hemp or any preparation to which Part III of the Dangerous Drugs Act, 1920, applies; or to carry on the business of retailing, dispensing or compounding the drugs or preparations to which Part III of the Act applies.

WITHDRAWAL OF AUTHORITY

Fred Westby Lomax

Whereas Fred Westby Lomax, formerly of 357 Oxford Road, Manchester, being a person duly registered under the Dentists Act, 1878, as amended by the Dentists Act, 1921, and being a person duly registered under the Pharmacy Act, 1868, as amended by the Poisons and Pharmacy Act, 1908, has been convicted of offences against the Dangerous Drugs Act: . . .

Now, therefore, after consultation with the Council of the Pharmaceutical Society of Great Britain, and in pursuance of the powers conferred on me by No. 6 of the Raw Opium Regulations, 1921, as extended by the Coca Leaves and Indian Hemp Regulations, 1928, and by No. 7 of the Dangerous Drugs (Consolidation) Regulations, 1928, I hereby give notice that I withdraw, as from to-day's date, from the said Fred Westby Lomax the authority granted by the said Regulations to Registered Dentists to be in possession of and to administer the drugs and preparations to which Part III of the Dangerous Drugs Act, 1920, applies and to persons who lawfully keep open shop for the retailing of poisons to be in possession of and to supply raw opium, coca leaves and Indian hemp, or to manufacture any extract or tincture of Indian hemp, or any preparation to which Part III of the Dangerous Drugs Act, 1920, applies or to carry on the business of retailing, dispensing or compounding the drugs or preparations to which Part III of the Act applies.

JOHN GILMOUR,
One of His Majesty's Principal
Secretaries of State.

Whitehall, May 10, 1935.

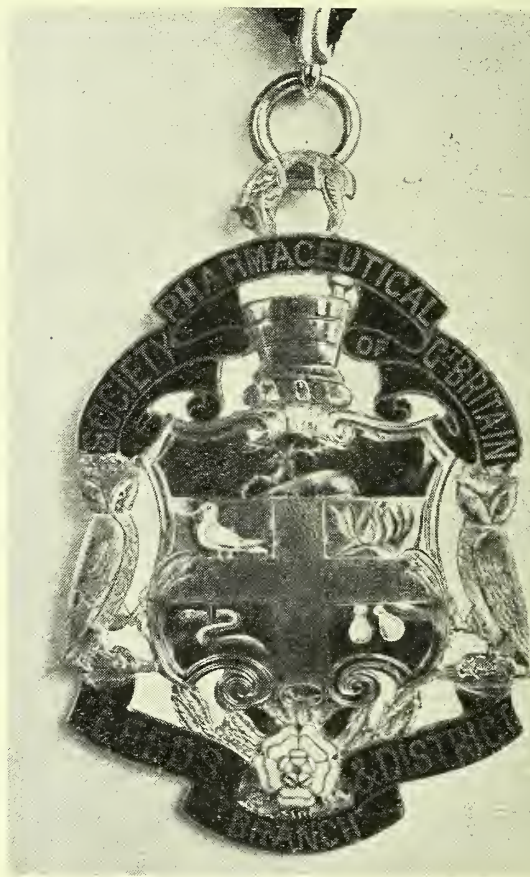
Rotary Clubs' Conference

At the sixteenth annual conference of the Rotary Clubs of Great Britain and Ireland, held at Margate from May 10 to May 14, many pharmacists were present. On May 11, at a functional group meeting when medical practitioners, pharmacists, dentists and those connected with optical service met to consider their peculiar difficulties, there were fifty-three present. Sir Thomas Robinson, of Dublin, was one of the vice-chairmen of the meeting. Many difficulties connected with the practice of medicine and of pharmacy were discussed. Many of those awkward problems that exist between the two professions were referred to. It was decided that these meetings should be continued, and that the next one will go on from where this left off.

Leeds

The last function of the winter session of the Leeds and District Branch of the Pharmaceutical Society took the form of a social evening, held on May 8 at the Hotel Metropole. Members of the "Leeds Pharmacy Committee," a body arising out of last year's local conference committee, were invited. Mr. J. H. Gough, Ph.C. (chairman of the Branch and of the Pharmacy Committee), presided. A feature of the evening was the presentation of a chairman's badge, the gift of Mr. W. P. Bowman (head of Goodall, Backhouse & Co., Ltd.), and also of replicas—provided out of a special fund—to past-chairmen of the Branch. Mr. J. H. Gough received the chairman's badge at the hands of Mr. Bowman and voiced warm appreciation of the donor's many kindnesses shown to Leeds pharmacy. Mr. J. H. Beacock, a veteran Leeds pharmacist, was given the honour of presenting replicas to the following:—Messrs. A. R. Briggs (Horbury), N. N. Armitage (Leeds), S. N. Pickard (Ossett), G. C. Crummack (Leeds), J. Judge (Wakefield), A. W. Lupton (Leeds), J. H. Gough (Leeds). The only other past-chairman was the late Mr. F. Pilkington Sargeant. During the evening Mr. H. Hodgson showed on the screen the cine film he took of people and happenings during last year's Conference, and Mr. Gough gave a lantern talk on a visit to Denmark and Sweden, most of his pictures being from his own photographs. In the afternoon the annual competition for the Bowman golf cup was held at Alwoodley course, Mr. Bowman entertaining the competitors to tea. At the evening gathering Mr. C. Newbould was presented with the cup as the winner

with a score of 75, Mr. J. R. Bentley being second with a score of 79. Mr. Gough, in a brief address, said the day might be regarded as a very fitting termination to an active session and



Photo]

[Cousland

THE SILVER-GILT BADGE OF THE LEEDS AND DISTRICT BRANCH OF THE
PHARMACEUTICAL SOCIETY

as the completion of the Leeds work for the Conference. They had made a donation to Leeds General Infirmary, and, thanks largely to the efforts of the ladies' committee, they had made a handsome contribution to the Society's Benevolent Fund.

Liverpool

Members of the Liverpool Branch of the Guild of Public Pharmacists will visit the Southport Infirmary on May 18, leaving Exchange Station at 2.12 p.m.

Among contributors to the Jubilee Trust fund are Clay & Abraham, Ltd., £2 2s.; the staff of Clay & Abraham, Ltd., £2 12s. 7d.; the staff of C. W. Field, Ltd., £6; the staff of R. Sumner & Co., Ltd., £4 15s.

London

The Haber memorial lecture arranged by the Chemical Society for May 23 has been unavoidably postponed.

A meeting of the Association of Pharmaceutical Employees will be held at the Shaftesbury Hotel (off Cambridge Circus), London, W.C.2, on Tuesday, May 28, the chair to be taken at 8.45 p.m. The speakers will be Mr. Wm. Bennett, M.P.S. (ex-M.P. for Battersea), Mr. A. M. Wall (General Secretary for "Actors Equity"), Mr. George Latham (President of the National Federation of Professional Workers).

A meeting of the London Chemists' Golfing Society was held on May 9 at Wanstead golf course. The results were as follows:—Medal round for Yardley cup, (1) R. R. Gordor (89 - 15 = 74); W. M. Ballantyne (90 - 13 = 77); T. G. Don (95 - 18 = 77); F. G. Wells (94 - 16 = 78); W. Gray

89 - 10 = 79); E. C. Pryce (92 - 12 = 80). Bogeys for Gibbs prize, (1) F. G. Wells (all square); W. Gray, W. M. Ballantyne, T. G. Don (5 down).

On May 9 a party of nearly 100 North London pharmacists paid a visit to the works of Allen & Hanburys, Ltd., at Ware. The company provided charabancs to convey the visitors from Finsbury Park. The weather was kind, and a thoroughly enjoyable visit resulted. The party had the advantage of Mr. W. B. Nelson, Mr. C. W. Maplethorpe and Mr. Norman Evers and numerous others as guides in going round the works. The interesting features were preparation of Allenburys foods, pastille making and all the invalid requisites and foods so well known to pharmacists; and the galenical section was also included. Tea was provided, Mr. Nelson in the chair, and afterwards speeches were made by Mr. Swanston (president), Mr. Herbert Skinner (secretary) and Mr. J. C. Young; Mr. Nelson responded.

Manchester

Cherry trees have been planted in the gardens of the new Stretford Town Hall by the Mayor and Mayoress (Alderman and Mrs. F. W. Bates) to commemorate the Silver Jubilee.

The members of the Manchester and District Chemists' Golfing Society held a competition at Chorlton Golf Club on May 8. The competition was against bogey for the ex-captains' prize. The result was a tie between Messrs. P. M. Evans, J. H. Franklin and T. Miller, who all returned 5 down. The tie will be played off later in the season.

At an executive meeting of the Manchester, Salford and District Branch of the National Pharmaceutical Union, held on May 9, the following officers for the ensuing year were elected:—*Chairman*, E. Stabler; *Vice-Chairman*, J. E. Edwards; *Treasurer*, G. H. Haines; *Secretary*, T. Miller. The secretary reported that definite promises to support the "Out of Friends" scheme had been received from a large majority of chemists in the area covered by the Branch and in North Cheshire. Only one chemist had replied in the negative. The latest Colgate-Palmolive-Peet gift scheme was unanimously condemned, and chemists in the area are being asked to turn down under the "Out of Friends" plan of campaign. The executive was of the opinion that gift schemes were all prejudicial to good business relations.

Wallasey

A meeting of the Wallasey Branch of the Photographic Dealers' Association was held at Liscard on May 9, Mr. H. C. Tristram in the chair, to hear an outline of P.D.A. work by Mr. H. Barton (Southport). Mr. Barton commented favourably on the buying club idea adopted by Wallasey, and, in dealing with coding, remarked that one firm had said they could code. Referring to P.D.A. policy, Mr. Barton said that they had not the P.D.A. to support them, the photographic trade would be hopelessly lost. They must have an organisation. He emphasised that the P.D.A. and the manufacturers were working together quite amicably. The P.D.A. policy was not in any way aggressive, but protective. Photographic dealers, he said, were praising the merits of their D. and P. and neglecting to a great extent the apparatus side of their business. He thought there was far greater merit in selling a camera than a film. They were endeavouring to stop cutting on D. and P. prices. Mr. Barton dealt briefly with the Leedachrome film and with the Coronet camera and the Dekko cine camera. In the course of the discussion, the main theme of the speakers centred round the Leedachrome film, which some contended was a "cut-price" film at a "cut-price" discount and others that it might antagonise the other manufacturers. Mr. H. C. Tristram proposed a resolution that the P.D.A. take an early opportunity of renewing the contract with Leedachrome. This was agreed to, but a further proposal by Mr. Waterworth, of Birkenhead, that the subscription to the P.D.A. be reduced to 5s. per member was turned down.

Miscellaneous

UNREGISTERED DENTISTS FINED.—At East Ham Police Court, on May 9, Joseph Stott, Plaistow (who, it was stated, had never been on the Dentists Register), was fined £10, with £3 3s. costs, for practising dentistry.—At Marylebone Police Court, London, recently, Mr. Cecil H. A. Fido, L.D.S., was fined £7, with £7 7s. costs, for practising without paying his retention fee.

CRICKET FOR CHARITY.—On May 22 a team drawn from members of the Blackpool Branch of the Pharmaceutical Society will meet a team from the local police force in a cricket match, the proceeds to be devoted to the Mayor of Blackpool's Victoria Hospital Fund. They will also play a team of doctors on June 19 for the same cause.

LONG SERVICE AWARDS.—Presentations have been made to the following members of the staff of Burroughs Wellcome & Co. at the Wellcome Chemical Works, Dartford, to commemorate the completion of twenty-one years' service: Mr. Harry Stone, a silver watch; Miss Olive Whatley, a gold wristlet watch; Mr. A. W. Tibble, an oak chiming clock.

Irish Notes

Pharmaceutical Society of Ireland

At the May Assistants' examination held by the Pharmaceutical Society of Ireland the following passed (arranged alphabetically):—Driffin, J.; Fegan, W. J.; Gunn, H. J.; Lahert, J.; Lynch, T. J. V.; McMahon, J. G.; Murphy, P. J.; O'Connell, J.; O'Sullivan, Nora J.; Reidy, Julia; Tuite, Marguerite; Ward, Mary. Thirty-five entered for the examination and one candidate withdrew.

British Pharmaceutical Conference

The arrangements for the visit of the British Pharmaceutical Conference to Belfast in June are now far advanced. The Local Conference Committee and the various subcommittees have been hard at work in recent weeks, with the result that everything points to a very successful gathering, both from the scientific and the social points of view. Professor James Small, chairman of the publications committee, is putting the finishing touches to the Conference handbook, in addition to which copies of one of the finest local guides will be presented to the delegates. In official circles the meeting of the Conference is arousing interest, and the Government garden party at Stormont promises to be one of the outstanding social events of the Conference. Mr. Fred Storey (chairman of the Committee), Mrs. Storey (chairman of the ladies' committee), Mr. D. L. Kirkpatrick (secretary of the Committee) and Mrs. Dwen (the ladies' secretary) are daily engaged in the preliminary work of the Conference. The general programme appeared in our issue of April 13 (p. 455). The following additional announcements have been received:—

Sports Day Tickets:—

No. 1. Transport to Portrush, Membership of Royal Portrush Golf Club, Bowls, Tennis and Putting Competitions at Recreation Grounds, Lunch, Tea and Smoking Concert, 12s. 6d.

No. 2. Transport to Portrush and Giant's Causeway, Lunch, Tea and Smoking Concert, 12s. 6d.

Full particulars of the competitions are given in a leaflet sent with application forms. Day Tickets will be issued for the events of any one day if accommodation is available, £1 1s. each.

Very early application will be appreciated by the Belfast Committee. Cheques should be made payable to R. I. Edwards, Hon. Treasurer, Belfast Conference Committee, and sent with applications to the Hon. Local Secretary, Belfast Conference Committee, 73 University Street, Belfast. A full list of visitors to the Conference will be posted in the Inquiry Bureau at the Grand Central Hotel, Royal Avenue. The Bureau will be opened on Monday, June 24, at 10 a.m., and visitors should call there for books of tickets, etc., as soon as possible after arrival.

Photographs of the Conference committees appear on pp. 591-93 of this issue.

Ulster Retail Drug Trade Association

The monthly meeting of the Executive Committee was held in the Grand Central Hotel, Belfast, on May 7, the president (Mr. James Dundee) in the chair. An apology for non-attendance was received from Mr. W. J. Rankin. Before proceeding to business the president proposed a resolution of sympathy with Mr. Abernethy in the loss he had sustained by the death of his mother. The resolution was passed in appropriate manner, and Mr. Abernethy, in a few brief words, thanked the members for their expressions of sympathy.

Mr. Shinner reported that application had been made for the registration of the design as instructed, and confirmation was expected in due course. Mr. Linehan proposed that a special

organiser be temporarily engaged for the purpose of influencing those chemists still outside the Association to become members. Mr. Linehan said that, judging by present circumstances and future probabilities, in their efforts to improve present conditions and guard against further encroachments it was necessary that the Committee and Association should have the support of every chemist in Northern Ireland. Mr. McGregor seconded the proposition, which was unanimously accepted. The following were appointed as a subcommittee to deal with this matter and report: Mr. Dundee, Mr. McGregor, Mr. Linehan, Mr. J. McDowell and Mr. Richey. Regarding the forthcoming issue of "Beauty," the new journal for women, the secretary reported that, as instructed, a circular letter had been sent to all members recommending acceptance of the scheme as outlined in the brochure sent out by the proprietors of the journal. Provided sufficient support was accorded, the issue in Northern Ireland would be confined to members of the U.R.D.T.A.

The secretary reported that the special committee recently appointed to deal with the matter of restricting the sale of proprietary medicines, etc., to chemists had met on several occasions during the past month. Letters had been sent to a large number of manufacturers, and many of the replies received had been most satisfactory. A circular letter had been sent out to all the chemists in Northern Ireland, both members and non-members, requesting the support of all in respect to any new preparations of a similar nature offered, by making it a condition of purchase that these lines should be confined solely to chemists. In the short time which has elapsed since the circular was sent out a large number of replies had been received promising support. The special committee was arranging to meet again in the immediate future to take appropriate action. Price alterations were adopted.

Saorstát Industries Fair

Irish pharmaceutical manufactures and the industries allied to the business of the chemist and druggist were well represented at the Saorstát (Free State) Industries Fair, held for the first time in conjunction with the Royal Dublin Society's Spring Show. The Fair was opened by Mr. Sean Lemass, Minister for Industry and Commerce, on May 7 at the beautiful grounds of the Royal Dublin Society at Ball's Bridge, and continued until May 11. Thousands passed through the ornate exhibition hall during the five days of the Show, and amongst the many industries representative of the new industrial Ireland none came in for more attention than the fine range of pharmaceutical, cosmetic, and toiletries stands. Apart from the general public these exhibits of the wide range of chemists' and druggists' requirements now made in the Irish Free State were of particular interest to the many pharmacists, druggists and medical men who visited Ball's Bridge during the run of the Exhibition. (Several of the stands are illustrated on pp. 588, 589.)

Dublin and Provincial Retail Drug Association

A Committee meeting was held on May 13, when chemists from Cork, Waterford and other centres were present in addition to a full attendance of Dublin members. Mr. T. C. Scott (president) was in the chair. Among further replies from manufacturers was a letter from Genatosan, Ltd., Leicester, who wrote intimating that they were prepared to restrict the sale of all their products to chemists and druggists in the Irish Free State, with the single exception of Sanatogen. It was stated that in areas where there was no chemist or druggist it would be a hardship on residents to have to travel long distances to obtain their products. The Committee believed that there was no area with any considerable population in the Free State that was not served by a retail chemist or druggist, and decided to communicate further with Genatosan, Ltd., to this effect, stressing at the same time that Sanatogen was essentially a chemist's line. The manufacturers of Elliman's Embrocation wrote stating that the sale of their proprietary was confined to chemists and saddlers in the Free State. In view of the fact that the number of saddlers in the Irish Free State was very restricted, the Association accepted Messrs. Elliman's assurance as satisfactory. A letter was read from a firm of tooth-paste manufacturers stating that they were not prepared to withdraw the sale of their sixpenny lines from the multiple stores, as they regarded such sales as an advertisement of their

products and a stimulus to the sale of the larger tubes through chemists. They were not prepared to discontinue such sales while their competitors still supplied the multiple stores. The Committee decided to inform this firm that the multiple store sales were harmful to the chemist, and that independent action taken by this firm to cease supplying such stores would bring a widespread reaction in favour of their products among Free State chemists. The draft agenda for the coming special general meeting of the Association were agreed upon. Several new members were enrolled from the Athlone and Galway districts.

The Westmeath Federation of Pharmaceutical Chemists

The organisation of chemists in the Midlands formed under the title of the Westmeath Federation of Pharmaceutical Chemists continues to grow. On May 8 the largest meeting of the body so far was held in Athlone, Mr. J. W. Hogan (Longford) presiding. The attendance included Messrs. Weir, Winckworth, Whelehan, and Miss Kerrigan and Miss Casey (Mullingar); Messrs. Fleming, O'Brien, Huban, and Naylor (Athlone); Mr. MacAuley and Miss Maguire (Ballinasloe); Mr. J. Corcoran (Longford); Messrs. Leahy and McEvoy (Granard); Messrs. Myles, Gleeson, and Butler (Birr); Mr. Yorke (Moate); and Mr. W. J. McKnight (Ballymahon). At the outset the secretary (Mr. J. K. Whelehan) said the Federation were pleased with the success the Dublin and Provincial Retail Drug Association had achieved in having the sale of Sister Laurus Food confined to chemists. They were especially glad since the first steps in this matter were taken by the Westmeath Federation. Each group of chemists in the various towns covered by the Federation decided to constitute themselves into separate cartels for buying purposes. A draft circular entitled "Medicine, The Chemist and You" was read to the meeting. It was decided that quotations and samples be obtained for printing this circular, and each town in the Federation area supplied with sufficient of these circulars to cover their area. The fact that membership of the D. and P. R. D. A. was necessary to qualify for membership of the local Federation was again stressed. Mr. Brendan Smith, organiser of the D. and P. R.D.A., addressed the meeting, outlining the work of the special committee, and the problems with which it was faced. It was decided to hold the next meeting of the Federation in Mullingar on June 5, in response to a request from the Birr chemists. Chemists from Roscrea, Nenagh, Rathdowney, Kells, Navan, and Trim will be invited to attend this meeting. The Federation wish it to be understood that all chemists interested in their work in the Midlands are cordially invited to attend the monthly meetings, irrespective of formal invitations. Copies of the circular mentioned in the report can be had by chemists from Mr. J. K. Whelehan, Pharmville, Austin Friars, Mullingar.

Brevities

Mr. J. T. Nicholl, M.P.S.N.I., High Street, Belfast, has recently returned from a cruise in the Mediterranean and is looking remarkably fit and well.

Mr. Samuel Gibson, J.P., treasurer of the Pharmaceutical Society of Northern Ireland, has recovered sufficiently from his recent illness to attend the official photographing of the Conference Committee in Belfast recently.

The entire St. John Ambulance Brigade arrangements for the visit of the Duke of Gloucester to Belfast on May 11 were in the hands of the honorary secretary, Mr. A. W. Mann, Ph.C., Donegall Square North, assisted by Miss D. Whitaker (daughter of the late Dr. Henry Whitaker) and the various officers of the Belfast divisions.

The annual three-day tournament of the Irish Chemists' Golfing Society will begin on May 20 over the course of the Rosslare Golf Club at Rosslare, co. Wexford, and will continue to Wednesday evening, when the trophies will be awarded by the captain, Mr. Philip Ryan (Boyle). Intending competitors should communicate with the secretary of the Society, Mr. A. F. Roche, 34 Donnybrook Road, Dublin, who will endeavour to arrange for seats in cars leaving for Rosslare on May 19 wherever possible. The prize-list has been increased on this occasion, and many valuable trophies will be up for competition.

Scottish Notes

Glasgow Medical Exhibition

A Medical Exhibition opened at St. Andrew's Hall, Glasgow, on May 13, and remained open until May 17. The exhibition was well attended, and the variety of pharmaceutical and allied products on view was up to the usual number. Among those exhibiting were the following:—ARMOUR & Co., LTD.; BAYER PRODUCTS, LTD.; BEIERSDORF, LTD.; BISODOL, LTD.; BOOTS PURE DRUG Co., LTD.; THE BRITISH DRUG HOUSES, LTD.; CADBURY BROS., LTD.; CONTINENTAL LABORATORIES, LTD.; CORN PRODUCTS Co., LTD.; A. C. COSSOR, LTD.; CUXSON, GERRARD & Co., LTD.; R. H. DENT & DOWN BROS., LTD.; J. C. ENO, LTD.; EVANS SONS LESCHER & WEBB, LTD.; GENATOSAN, LTD.; GLAXO LABORATORIES; HOFFMANN-LA ROCHE CHEMICAL WORKS, LTD.; HOLBORN SURGICAL INSTRUMENT Co., LTD.; JOHNSON & SONS, MANUFACTURING CHEMISTS, LTD.; KAYLENE, LTD.; KOLYNOS INC.; J. F. MACFARLAN & Co.; MAY & BAKER, LTD.; G. F. MERSON, LTD.; MONTGOMERIE & Co., LTD.; ORGANON LABORATORIES; OXO, LTD.; PARKE, DAVIS & Co.; SACCHARIN CORPORATION, LTD.; SISTER LAURA'S INFANT & INVALID FOOD Co., LTD.; T. & H. SMITH, LTD.; THERMOGENE Co., LTD.; TRUFOOD, LTD.

Duncan Memorial Prize Fund

The result of the appeal for the above fund has, so far, been very gratifying. The Committee desire to point out that any who intend to co-operate and may have overlooked the original appeal may still subscribe, as the fund will remain open for some time. The treasurer is Mr. W. A. Beattie, c/o Duncan, Flockhart & Co., 104 Holyrood Road, Edinburgh.

Breivities

The Jubilee celebrations were responsible for a welcome increase in film sales and D. and P. work.

Genial summer weather has given place to a "Buchan" cold spell, and there has been a harking back to winter remedies.

Louis Lascelles, a native of British West Africa, appeared in Glasgow Central Police Court on May 7, for obstruction in Candleriggs by selling patent medicines. He was admonished.

T. & H. Smith, Ltd., have contributed £21 to King George's Jubilee Trust fund from their head office in Edinburgh, and a further £10 10s. from their branch establishment in Glasgow. [Corrected note.]

Twenty-one members of the Edinburgh Chemists' Golf Club took part in a competition over Kilspondie course on May 8. The results were as follows:—(1) W. Brims (25), 71; (2) J. Finlay (*plus* 1) and A. S. Cooper (11), 74 (a tie); (second class) W. S. Spence (16), 77.

A correspondent (13/5) writes:—"There has been a perceptible shortening of time recently taken by railway companies in the delivery of English goods. In one or two instances goods ordered were in stock within seven days, but there is still need for speeding up."

The following have been elected members of the Pharmaceutical Committee for the Burgh of Aberdeen for the three years commencing June 1:—Messrs. W. F. Hay, M. K. Watt, J. Michie, C. A. Michie, J. McConnach, J. G. Mutch and W. T. Elder. Mr. Hay was reappointed chairman, with Mr. H. M. Dugan as secretary.

In his presidential address to the annual meeting of the Society of Chemical Industry, which will be held in Glasgow during the first week of July, Alderman Edwin Thompson will deal with "National Water Supplies." Dr. E. F. Armstrong, F.R.S., will be presented with the medal of the Society, and will deliver an address entitled "The Past, the Present, and the Future."

Topical Reflections

By Xrayser

The Report

of the Warwickshire Branch of the National Pharmaceutical Union (*C. & D.*, May 11, p. 559) merits careful consideration, not only from retail readers but from manufacturers and wholesalers as well. The report is condensed, but I gather that the action of two firms in withdrawing their articles from the Protected List of the Proprietary Articles Trade Association was not approved. I do not know the facts of the case—it may be that the manufacturers could not guarantee that the prices of certain articles could be maintained; but my point is that not all manufacturers who either do not join the P.A.T.A., or who withdraw from it, are against protection of prices. Some have price-protection arrangements of their own, as thorough and rigid as are those of the P.A.T.A. Their holding aloof from the Association may not be on the question of maintenance of prices at all, but may indirectly arise from the constitution of the Association, since it has been suggested that one section may influence the other two, particularly if there are leading members of the Executive in such a section. A sane outlook is necessary here: price maintenance, though admittedly due in the first instance to the P.A.T.A., can be put into force apart from that body; and all who practise it, whether on the List or not, should be regarded as friends of the chemist.

A Detailed Report

of Mr. Michael Carteighe's speech at a meeting of Lancashire chemists in 1895 may not have been printed, as Mr. J. G. Wallbridge points out (p. 567); but in the volume of *THE CHEMIST AND DRUGGIST* for the second half of 1894 I find two and a half columns devoted to a similar meeting at Glasgow and an editorial article on the subject in the following week's issue. It was pointed out that the "Widows' Clause," the concession in Section 16 of the Pharmacy Act, 1868, was an old enemy of Mr. Carteighe's. He was reported to have said that the decision of the House of Lords in the 1880 case (namely, that the word "person" in Sections 1 and 15 of

that Act did not cover an incorporated company) was based upon the "Widows' Clause." While expressing no opinion as to whether Mr. Carteighe did commit himself to that statement, the *C. & D.* commented on the general question in these words:—"The cases are only parallel to a very limited extent. The question whether unqualified persons or companies may call themselves chemists and druggists and keep open shop for selling poisons is a long way removed from that which asks whether the estate of a deceased chemist and druggist shall be ruthlessly sacrificed to a fantastic idea of symmetry worthy of the philosophers of Laputa." The fact is that at that time Mr. Carteighe was somewhat of an ideologist in search of academical qualities in legislation which, if carried out, would have rendered it unworkable. The "Widows' Clause" was his King Charles's head.

I Think I Know

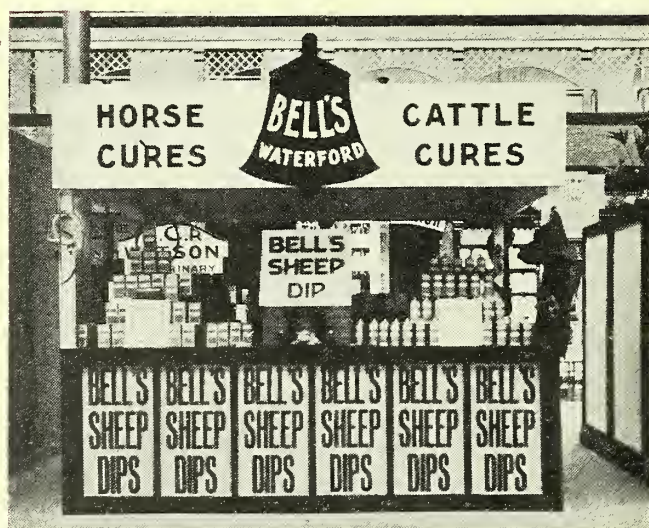
the meeting place mentioned by "Gassed" (p. 580). But however that may be, it has been my experience to visit a number of meetings of pharmaceutical associations in various parts of the country, and quite half of them are held in unhealthy and depressing places. We never started the meeting to time; the experience was that the secretary and two or three others were present, the majority arriving when things were well under discussion. In my judgment the poor success of many branches of the Society and N.P.U., and of many associations, is directly due to the uncomfortable premises in which the meetings are held, particularly as the majority take place in winter. I am not forgetting the trouble that most chemists experience in getting to such a gathering to time. Meetings are usually held on early closing days, but even then attendance is given for N.H.I. dispensing in the evenings, and it is to this fact that much of the unpunctuality is due. The matter of suitable premises for meetings is of real importance to the future of pharmacy; I should like to see more attempts on the part of local associations to provide some sort of library for members.

At the
**Irish Free State
 Industries Fair**

*Some of the outstanding
 pharmaceutical and
 allied exhibits*



Above : Dixon & Co., Dublin. Soap and cosmetics.



Above : Henry Bell, Ltd., Waterford. Veterinary preparations.



Left : Kolynos dental products.



Below : Jackson & Co., Dublin. Toilet and medicinal proprietaries.

Right: Irish Pharmaceuticals, Ltd. Pharmaceutical products, perfumery, cosmetics.



Below: Spratt's Patent (Ireland), Ltd. Veterinary medicines.

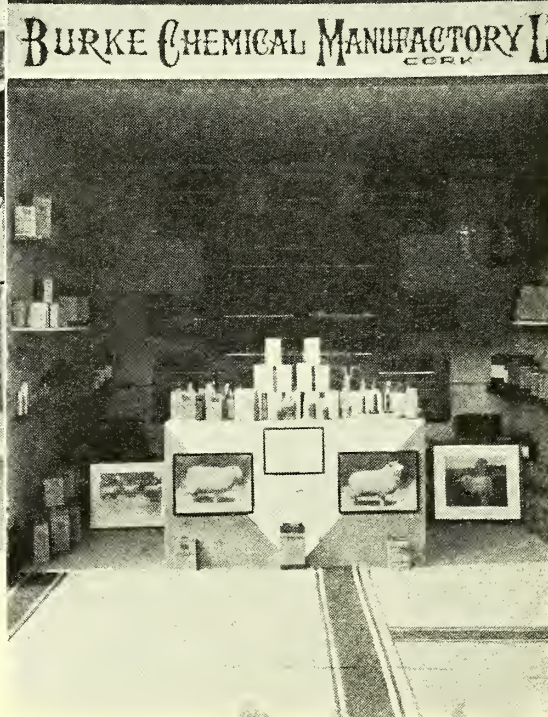


Below: James Crean & Son, Ltd. Toilet preparations, soaps, perfumery.



Above: The Irish Glass Bottle Co., Ltd. Range of bottles and containers.

Right: Burke Chemical Manufactory Co., Ltd. Veterinary and horticultural lines.



New Companies and Company News

P.C. means Private Company and R.O. Registered Office

GUY COLLIS, LTD. (P.C.).—Capital £100. Objects: To carry on the business of chemists, druggists, etc. R.O.: 91 Hoxton Street, N.1.

MERZ & CO., LTD. (P.C.).—Capital £100. Objects: To carry on the business of chemists, druggists, etc. R.O.: Cecil Chambers, 86 Strand, W.C.2.

D. V. PRODUCTS, LTD. (P.C.).—Capital £100. Objects: To carry on the business of manufacturing chemists and druggists, etc. R.O.: 45 Finsbury Court, E.C.2.

H. CHAMBERS (CHEMISTS), LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of chemists, druggists, opticians, etc. R.O.: 60A Grand Parade, Brighton.

D. AUSTIN PROUD, LTD. (P.C.).—Capital £100. Objects: To carry on the business of chemists, druggists, opticians, etc. R.O.: 11 Grand Parade, Hornchurch Road, Romford, Essex.

SAUVETTE, LTD. (P.C.).—Capital £250. Objects: To carry on the business of manufacturers of medicinal preparations, proprietary or otherwise, etc. R.O.: 79 Earl's Court Road, W.8.

STOCKLEY, BASS & TANNER, LTD. (P.C.).—Capital £100. Objects: To carry on the business of chemists, druggists, etc. Sydney C. Stockley, 31 Sydney Street, Chelsea, S.W.3, director.

G. T. HODGKISS (CHEMIST), LTD. (P.C.).—Capital £100. Objects: To carry on the business of chemists and druggists, etc. Solicitors: Archibald C. Wood, 166 Streatham Hill, S.W.2.

TATTOO, LTD. (P.C.).—Capital £300. Objects: To carry on the business of manufacturers of and dealers in toilet accessories and in particular lipsticks, face powder, rouge, scents, soaps, creams, etc. R.O.: Eldon Street House, Eldon Street, E.C.2.

HENDON LABORATORIES, LTD. (P.C.).—Capital £1,000. Objects: To acquire the business of manufacturers of medical preparations carried on by A/S Exoglan at 45A Bredgade, Copenhagen, Denmark. R.O.: 7 Endersleigh Gardens, Hendon, N.W.4.

BRITISH MEDROGA CO., LTD. (P.C.).—Capital £490. Objects: To carry on the business of manufacturers and traders in all kinds of chemicals, cosmetic products, soaps and perfumeries, etc. Charles T. de Jaeger, 11 Marlborough Road, Richmond, Surrey, director.

SKANOL, LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of manufacturers of and dealers in cleansing powders and creams, soaps, chemicals, and to acquire the trade mark "Skanol" and the goodwill in connection therewith. R.O.: Bank Chambers, 232/8 Bishopsgate, E.C.2.

BURTONIUM PRODUCTS, LTD. (P.C.).—Capital £15,000. Objects: To acquire letters patent, concessions, licences, to manufacture and deal in all products, machinery and plant, and to carry on the business of metallurgists and chemists, etc. Solicitors: Gisborne & Co., Temple Chambers, Temple Avenue, E.C.4.

COMPANIES DISSOLVED.—Notice has been given in "The London Gazette" that the names of the under-mentioned companies have been struck off the register and the companies dissolved:—Anglo-German Pharmaceutical Products Corporation, Ltd.; Inecto, Ltd.

W. MEADOWCROFT & SON, Regent Street, Blackburn, essence manufacturers, inform us a new limited liability company was registered recently as "W. MEADOWCROFT & SON, LTD.," to take over as a going concern the old company. The business will be carried on under the same management as hitherto.

B. LAPORTE, LTD.—Final dividend on the ordinary shares of 15 per cent., making 20 per cent. for the financial year ended March 31. Last year the dividend was 15 per cent. The payment for 1934-35 is on a larger capital, £23,705 of the undivided profits having been capitalised in February, 1934, and a 20 per cent. capital bonus distributed.

Voluntary Liquidation

The Ceylon & General Trading Co., Ltd., 47 Victoria Street, S.W., export merchants. Pursuant to Section 238 of the Companies Act, 1929, a meeting of the creditors was held recently at the Criterion Restaurant, W., when it was stated that the shareholders of the company had previously met and had passed a resolution for voluntary liquidation, and nominated Mr. Winter and Mr. A. E. Tilley, of Messrs. Singleton, Fabian & Co., Staple Inn, E.C., as joint liquidators of the company. A statement of affairs was submitted which disclosed liabilities of £18,904 1s. 8d., of which £15,294 15s. 3d. was due to the trade; there were claims for £817 11s. 7d., directors £760 15s., loans £860 5s. 10d., and guarantors of the bank overdraft £1,170 14s. The assets comprised cash at bank £472 14s. 8d.; cash in hand, £21 13s. 6d.; good book debts, £2,316 11s. 3d.; and office furniture £97 5s. 5d., estimated to produce £50; making total assets of £2,860 19s. 5d., from which had to be deducted £150 for preferential claims, leaving net assets of £2,710 19s. 5d., or a deficiency of £16,193 2s. 3d. Mr. Winter said that he had been requested to carry out an investigation, but it had been impossible to prepare any accurate trading figures. He had ascertained, however, that from April 1, 1934, down to the date of calling the meeting of creditors, the sales were £70,462, there was a gross profit of £4,122, which was at the rate of 5.85 per cent., and the overhead expenses were £8,479. The matter was discussed at considerable length and several creditors said it was their opinion that the matter should be investigated in the Companies Winding-up Court, so that the creditors could have a full report on the case to see what had happened to their money. At the present time other than the statement of affairs practically no information had been given. Mr. W. H. Cork, who represented a number of creditors, proposed that the voluntary liquidation be not confirmed, but that the case should be dealt with in compulsory liquidation. The proposition was carried by a large majority. Mr. Heard, of Messrs. Zeffert & Heard, solicitors, said that he represented the large trade creditor, and on behalf of his clients the necessary step would be taken to put a petition on the file for the compulsory liquidation of the company immediately.

Business Changes

GEORGE GRIERSON & SON, chemists, 585 London Road, Glasgow, have opened a new optical department.

MR. G. N. K. MURRAY, chemist and druggist, has acquired the business of Mr. J. Taylor, chemist and druggist, 611 Great Western Road, Glasgow, W.2.

SAVORY & MOORE, LTD., chemists, 61 Welbeck Street, London, W.1, have opened a new branch establishment in Berkeley Square, London, W.1.

MR. PERCY CHEETHAM, 31 Tothill Street, Westminster, London, S.W.1, has opened a branch at the Bungalow Pharmacy Margate Road, Birchington-on-Sea.

The registered offices of Cooke, Tweedale & Lindsay, Ltd. have been transferred from 41 Corporation Street, Manchester to their works address, 76-80 City Road, Manchester, 15.

MR. F. G. JORDAN, chemist and druggist, has acquired the business of W. H. Burrell & Co., Ltd., The Pharmacy, Sheringham, and will trade under the name of W. H. Burrell & Co.

CHURCHILL CHEMISTS, LTD., have acquired the businesses of Mr. F. G. Jordan, chemist and druggist, 75 Plashet Road, Upton Manor, London, E.15, and 214 Green Street, Forest Gate, E.7.

MR. KENNETH GLYNN POTTER, son of Mr. Henry Potter chairman of Potter & Clarke, Ltd., manufacturing chemist, 60, 62 and 64 Artillery Lane, London, E.1, has been elected a director of the company. Mr. Kenneth Potter is spending part of his time in travelling for Messrs. Potter & Clarke, but his main energies are devoted to work inside in connection with the sales department.

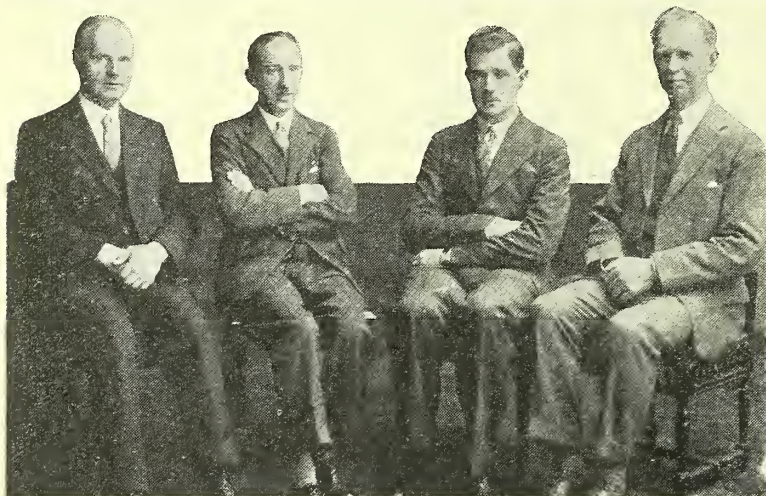
Conference Committees, 1935



LADIES' COMMITTEE: Standing, Miss E. G. Crawford, Miss K. A. Patterson, Miss K. E. Robinson, Miss E. Fox, Miss M. M. Murray, Miss L. M. Forrest, Miss A. S. J. Lavery. Sitting, Mrs. R. I. Edwards, Mrs. S. S. Badger, Mrs. R. Dwen (secretary), Mrs. Fred Storey (chairman), Mrs. C. Abernethy, Mrs. Wm. Martin, Miss R. J. W. Barry.



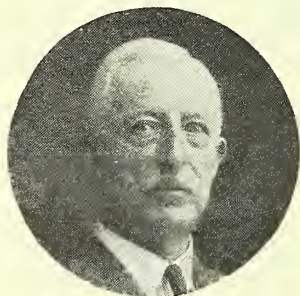
LOCAL EXECUTIVE COMMITTEE: Back row—standing—left to right, J. McGregor, S. Nevin, Walter Tate, Wm. Esler, Professor H. Wren, J. Sayers, S. H. Forrest, H. F. Moore, T. A. Gibson, F. Boyle, C. W. Young, James Mitchell. Middle row—standing, Professor J. Small, Professor E. B. C. Mayrs, J. T. Nicholl, J. Macauley, Dr. S. E. A. Acheson, Wm. Martin, D. L. Kirkpatrick (secretary), S. S. Badger, C. Abernethy, A. Steede, Wm. Honneyman. Front row—sitting, J. F. Grimes, A. C. McBride, Wm. S. Taylor, Fred Storey (chairman), R. I. Edwards (treasurer), J. E. Connor, S. Gibson.



Conference Committees

ABOVE : SPORTS COMMITTEE—

S. Nevin, S. H. Forrest (convener), James Mitchell, James Macauley.



Sir Thomas McMullan, a member
of the Local Executive Com-
mittee.



ABOVE : HOUSING COMMITTEE—

Standing, Wm. Rankin, R. Linehan, T. A. Gibson. Sitting, Professor H. Wren, J. McGregor, Walter Tate (convener), A. Steede.



LEFT : EXCURSIONS COMMITTEE—

Standing, J. E. Connor. Sitting, Professor E. B. C. Mayrs, Dr. S. E. A. Acheson, J. T. Nicholl (convener), Wm. Martin.

Belfast 1935



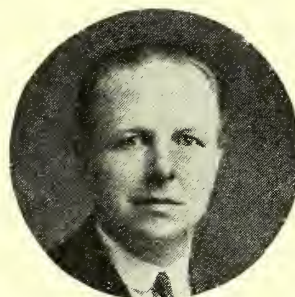
ABOVE: FINANCIAL CONTROL COMMITTEE—

Standing, H. F. Moore, J. T. Nicholl, Walter Tate. Sitting, Professor J. Small, Fred Storey, D. L. Kirkpatrick, S. H. Forrest.



ABOVE: SOCIAL COMMITTEE—

Standing, C. W. Young, J. T. Nicholl, T. A. Gibson. Sitting, F. Boyle, H. F. Moore (convener), J. McGregor, W. S. Taylor.



Mr. S. McLoughlin, a member of the Publications Committee.

RIGHT: PUBLICATIONS COMMITTEE—

Standing, Wm. Esler, C. Abernethy. Sitting, W. Honneyman, Professor J. Small (convener), J. Sayers, Walter Tate.



Insurance Act Dispensing

Record of matters concerning Chemists' interests in the National Health Insurance Acts

Local Reports

ENGLAND

Devon.—A meeting of the Devon Pharmaceutical Committee was held at Exeter recently, Mr. W. Chaplin Bennett in the chair. It was reported that the Devon County Panel Committee, after considering an appeal by a medical practitioner, had found that a rubber self-retaining catheter and stilette were not included in the list of prescribed appliances.

Lancashire.—At the quarterly meeting of Lancashire Prescription Bureau, on April 12, the report showed that the number of prescriptions dealt with from the ten constituent committees during last year was 2,332,257, Oldham leading the list with 393,474, and Westmorland having the smallest number, 43,911. The cost of the prescriptions last year was £77,627, against £82,665 in 1933, and £76,785 in 1932.

Portsmouth.—Although the number of insured persons in Portsmouth is greater than it has ever been (over 83,000), the cost of drugs for February, £1,065, is the lowest for five years. Insurance dispensing for April has, according to reports available, been above the average, influenza being largely responsible.

South-Eastern Division.—The report of the Joint Committee for Pricing Prescriptions (South-Eastern Division), for the year ended 1934, states, *inter alia*, that the number of National Health Insurance prescriptions dealt with during the year was 7,029,791, the value being £247,310 9s. 1d. The number of chemists' accounts certified for payment in respect of 1934 was as follows:—National Health Insurance, 27,942; Ministry of Pensions, 751. The number of prescriptions for insulin, the report states, continues to increase, as shown by the following figures:—1933, 23,623 prescriptions at a cost of £9,024 14s. 5d.; 1934, 29,295 prescriptions at a cost of £10,171 11s. 10d. Various special returns are shown by means of appendices.

Stockport.—A report presented to Stockport Insurance Committee states that last year thirteen samples of medicines and three of appliances were taken for testing, and in fourteen cases no action was necessary. In the remaining two cases one chemist was cautioned, and in the other case no action was taken. Prescriptions dispensed numbered 306,794, at a cost of £9,974.

Surrey.—At a recent meeting of the Surrey Insurance Committee it was reported that the County Pharmaceutical Committee had complained of the illegible handwriting of certain practitioners, and specimens of four scripts were submitted for examination to the Medical Benefit Subcommittee. The view was expressed that the complaint was well founded, and the report added that there was a good deal of risk imposed upon the insured person, delay in obtaining medicine, a waste of time in deciphering the script, and needless anxiety on the part of the chemist.

Notes and Queries

The following are answers to some of the questions that may arise in any pharmacy in connection with National Health Insurance dispensing

SIGNING OF PRESCRIPTIONS.—Chemists should not accept any insurance prescription which is not properly signed. Apart from questions arising under the Pharmacy or Dangerous Drugs Acts, the prescription is an order on insurance funds and as such must be properly authenticated. The Medical Benefit Regulations require that a practitioner shall sign every prescription form with his own hand, and that when forms are issued by a deputy the deputy shall sign his own name at the foot and also insert the name of the practitioner for whom he is acting. Some practitioners use rubber stamp signatures or merely stamp name and address (not a facsimile signature) at the foot of the form. These rubber stamp names may or may

not have the prescriber's initials in ink or pencil appended to them. But such forms of issuing the prescription are contrary to the Regulations. Chemists, therefore, should inspect all prescriptions handed in to them for dispensing and should refuse those issued irregularly, for payment may be withheld by the insurance committee for forms not properly signed. It may be possible, of course, for the chemist to return the form to the prescriber, and a tactful message may get the matter put right; but forms should not be sent up to the pricing office until they conform to the Regulations.

PATIENTS AT A DISTANCE.—The Medical Benefit Regulations indicate the action that is to be taken when insured persons experience difficulty in obtaining, in the manner specified in the Act (i.e. by a prescription through a chemist), the medicines and appliances to which they are entitled.

In the first place, if the insurance committee are satisfied (and presumably it is the insured person who must satisfy the committee of this) that any insured person has a difficulty in obtaining medical supplies from a chemist, by reason of distance or inadequate means of communication, the committee must ask the doctor who treats the patient to supply all necessary medicines and appliances. If the committee are not satisfied that the alleged difficulty exists, the insured person must obtain supplies from a chemist.

In the case of any insured person who resides more than a mile from the nearest chemist, the committee (or the dispensing subcommittee constituted for this purpose) must consider each case and decide where the insured person shall obtain his supplies, whether from the doctor on whose list his name is placed or from a chemist. Having decided the matter, the committee must notify the insured person of their decision, but at the same time they must also give him the option of choosing the alternative method of supply if he so desires. It is, therefore, the insured person who finally decides this matter either by taking no action on receipt of the committee's notice or by choosing to adopt the method of supply alternative to that which the committee have chosen for him. The insured person is allowed a week to consider the matter.

Any chemist commencing business in a rural area in which no chemist's shop, up to the time of his advent, had been available for the dispensing of insurance prescriptions, should inquire from the insurance committee for the area (preferably through the pharmaceutical committee) whether the committee will reconsider any cases in which a practitioner has been required to dispense all necessary medicines for his insurance patients, in view of the fact that a chemist's shop is now available for dispensing. Obviously, a certain time must be allowed for dispensing practitioners to reduce their stocks in the event of any alteration of existing arrangements being made; indeed, the regulations provide that a practitioner is entitled to receive reasonable notice from the committee that such apply (by him) is to be discontinued.

UNQUALIFIED CONTRACTORS.—Each insurance committee publishes a list of the persons who, within the area, are prepared to supply insured persons with drugs, medicines or appliances. On that list there are sometimes names of contractors who only supply (a) drugs (excepting scheduled poisons) and/or (b) appliances. The unqualified contractor who agrees to supply drugs has a very limited scope for his activities. He may not do any dispensing. The extent of the service to be rendered by such a contractor has never been exactly defined, and variations probably exist in different areas; but a reasonable interpretation of the duties to be undertaken under a limited contract, and the one most generally adopted, appears to follow these lines:—An unqualified contractor may supply any drug or preparation—not containing a scheduled poison—which may be purchased from the wholesaler in such a packing and of such a character as to enable it to be handed to the insured person in the condition in which it is received. Mixing, compounding or dilution would not be allowed. Under this rule two simple ointments could be supplied separately in, say, 1-oz. pots, but a 2-oz. mixture of these would constitute a prescription to be dispensed, and the unqualified contractor would not be paid for this.

The Pharmaceutical Faculty at Bucharest

By Aurel Scurtu, Galatz

IN July 1934 the Roumanian Parliament passed a law transferring the pharmaceutical courses of study at the Universities of Jassy and Cluj to the University of Bucharest, and at the same time reorganising pharmaceutical study and training as a whole. The changes are, in outline, as follows:—

(1) The period of instruction is increased from four to five years, four of which are devoted to study, theoretical and practical, at the Faculty, and the fifth is reserved for practical work at an authorised pharmacy. The examination for the licence in pharmacy can only be undertaken on completion of the five years' curriculum.

(2) The curriculum is systematically arranged, and is modified in consequence of the addition of a chair of the ethics and history of pharmacy. Definite subjects are allotted to each year.

Admission to the Faculty is gained by virtue of the bachelor's certificate of the lyceum (a condition since 1898); and if the number of places vacant in the Faculty is less than the number of applicants, an entrance examination is held. At the end of each year of study an examination in the subjects prescribed must be passed. The year of practical pharmacy which follows the fourth year of study is made at a pharmacy authorised for the purpose. For this fifth year the Faculty lays down a course in a booklet, which is handed to each student and is annotated by the proprietor of the pharmacy at which the practical work is carried out. Work, conduct and absences are noted.

At the close of the fifth year students present themselves for the examination entitling them to hold a licence in pharmacy. The examination is (1) practical and (2) oral. The oral examination comprises operations, formulas, properties, analysis and control. The Faculty at Bucharest also grants the title of Doctor of Pharmacy (M.Ph.), the test for which is the presentation of an original investigation, occupying at least one year, in the laboratory.

I permit myself to raise some objections against these new regulations. First, I think the Faculty should strengthen itself with a chair of the history and legislation of pharmacy. This chair should comprise three courses: First year, history; second year, literature; third year, legislation. I consider that practice in a pharmacy should be made obligatory during the three months' summer vacation, so that the student shall from the beginning come in contact with practical pharmacy, opening for him the horizon of understanding of professional discipline. The principle of limiting the number of entrants to the Faculty should be stabilised by regulation, priority being given to applications from sons of pharmacists. This measure of prudence suggests itself in consequence of the plethora of licensed pharmacists who are out of work.

The Faculty of Pharmacy at Bucharest now includes seven chairs, numerous laboratories, a pharmacological and botanical museum, and a well-equipped library placed at the disposal of the students. These results are due to Dr. Stefan Minovic, Professor U. Deliann and Dr. T. Vintileacu, the late Dean of the Faculty. With the advent of Professor Al. Tonescu-Matin and Professor Gh. Gamfil, the Faculty acquires two new forces, rendering pharmaceutical instruction among the best-organised at the University of Bucharest.

SOUTH AFRICAN PLANTS AT KEW GARDENS.—An appeal is being made for donations towards the cost of a house at the Royal Botanic Gardens, Kew, in which plants from South Africa are to find a home. An anonymous donor has undertaken to defray half the cost.

"PUNCH" SILVER JUBILEE NUMBER.—The Silver Jubilee Number of "Punch," published on May 1 at 1s., contains sixty-four literary pages, several of which are devoted to reproductions of cartoons issued during the past twenty-five years in connection with the outstanding public events of His Majesty's reign. The other features of this issue are of "Punch's" usual high standard.

American Pharmaceutical Association

THE fine white marble headquarters building of the American Pharmaceutical Association, a photograph of which was reproduced on the occasion of its dedication (*C. & D.*, 1934, I, 557), is included among the administrative buildings of Washington in a new Government publication entitled "Washington, the National Capital." At the opening ceremonies a message was received from President Roosevelt voicing his appreciation of the contributions which have been made by pharmacists to the successful alleviation and prevention of disease, and another cordial endorsement of the Association's aims was received from the White House on the eve of the observance of the recent Pharmacy Week (October 7-13). The Association has acquired the Stabler-Leadbeater Apothecary Shop, opened in 1792 and carried on till 1933. This old pharmacy is situated at Alexandria, six miles south on the Potomac river, and the exterior and interior are being restored and will be kept open on the original location as a museum, a memorial to its founder and a reminder of early American pharmacy and the illustrious patrons of this establishment. Among these were George and Martha Washington, General Robert A. Lee, and other families of national importance. Among other prescriptions and orders preserved is one:—

"Mount Vernon, April 22nd, 1802.

Mrs. Washington desires Mr. Stabler will send by the bear'r, A quart bottle of his best

Castor Oil and the bill for it"

and an invoice dated 1801 from the London firm of Allen & Howard. One of the main ambitions of the Association is the regaining of the professional spirit in American pharmacy, and the editorial in the November number of its "Journal" quotes *THE CHEMIST AND DRUGGIST* (1934, II, 516) as to the status which might be attained while conforming reasonably to modern conditions. That this policy is succeeding is reflected in the high standard of papers presented by practising pharmacists at the annual conventions: the eighty-third will be held in 1935 at Portland, Oregon. The Association has in its gift a research prize of 1,000 dollars: this has recently been awarded to the Florida School of Pharmacy. It should be recalled that all the original pharmacies in the United States were founded by men who were trained in the best traditions of England, Germany and Sweden. A proposal has recently been made for a merger with the National Association of Retail Druggists and the various State Pharmaceutical Associations into a National Federation. The A. Ph. A. is regarded as the Mother of such organisations in the United States, and it is felt that if methods are devised for the unifying and consolidation of forces, this would be for the benefit of all concerned.—*W. M.* (24/12).

Canadian Pharmaceutical Industry

ACCORDING to the Canadian Department of Trade and Commerce, production of patent and proprietary medicines, pharmaceuticals and similar commodities was valued at \$17,063,849 in 1933 compared with \$17,573,979 in 1932 and \$18,110,794 in 1931. Of the 158 factories in this group in 1933, 83 were in Ontario, 57 in Quebec, 7 in Manitoba, 4 in British Columbia, and 2 in each of Nova Scotia, Saskatchewan and Alberta, and 1 in New Brunswick. Capital employed was \$17,402,705, employees numbered 3,169, and payments in salaries and wages totalled \$3,850,928. Materials used in manufacturing cost \$5,774,391 and the value added was \$11,289,458. Plants in Ontario produced 56 per cent. of the Canadian output, and concerns in Quebec accounted for 36 per cent. Imports into Canada of drugs, medicinals and pharmaceuticals were valued at \$2,588,168 in 1933 compared with \$2,832,025 in 1932. About 40 per cent. came from the United States, 32 per cent. from the United Kingdom, and 11 per cent. from France. Exports of medicinal and proprietary preparations totalled \$634,155 in 1933 as against \$817,701 in 1932.

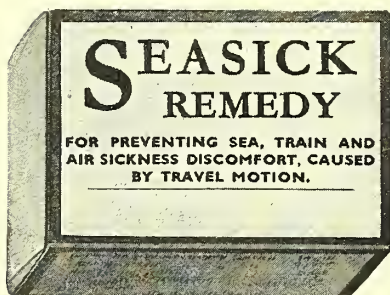
Trade Notes

AN ANNOUNCEMENT, in the form of an open letter to photographic dealers, appears in our advertisement pages, over the name of The George Brown Photo Co., Ltd., Manchester.

THE annual summer staff outing of R. W. Greeff & Co., Ltd., will take place on Saturday, May 25, when the offices at Thames House, Queen Street Place, London, E.C.4, will be closed for the day.

PRICE LIST.—We have received from W. E. Taylor & Co., Ltd., manufacturing chemists, 27 Cadogan Street, Glasgow, C.2, a copy of their new price list. The company inform us that they have been appointed Scottish agents for Wright, Layman & Umney (1932), Ltd.

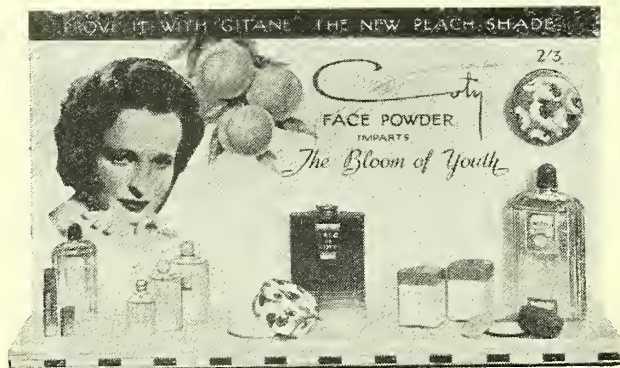
EVANS SONS LESCHER & WEBB, LTD., 56 Hanover Street,



Liverpool, have recently issued a preparation for preventing sea-, train- and air-sickness. The product is packed in "drysules" (dry-filled capsules) of convenient size and easy to take. Each box contains ten drysules and is available for chemists' own name and address. The pack is illustrated herewith.

NEW USE FOR META FUEL.—Elmesan (London), Ltd., 66 Victoria Street, London, S.W.1, inform us that Meta fuel may be used as a means of destroying moths. The simplest way of using the product for this purpose, the company state, is to distribute the tablets over the wardrobe and chest of drawers. The close, stuffy air favours the decomposition of the tablets, thus producing the characteristic odour of metaldehyde. Upholstered furniture is protected in the same way.

NEW COTY DISPLAY SET.—Coty (England), Ltd., Coty House, 3 Stratford Place, London, W.1, have sent us a specimen of a new display set (illustrated herewith) which they have pro-



duced in connection with their summer campaign. This stand is well designed and of a quality in keeping with Coty products.

SUMMER SUGGESTION.—Public interest in outdoor pursuits during the summer season has grown rapidly during recent years, one of the results being a demand for sunburn preparations. Chemists will be interested in two preparations manufactured by The Butywave Co., 5 Rampayne Street, Vauxhall Bridge Road, London, S.W.1, and illustrated elsewhere in this issue. Sun Burn Cream is a non-greasy cream which soothes sensitive skins and protects them from burning. Sun Tan Toning has the additional advantage of imparting a sun tan colour to the skin. These two Butywave lines are sold at popular prices.

A NEW NAIL-BRUSH.—G. B. Kent & Sons, Ltd., 75 Farringdon Road, London, E.C.1, advertise elsewhere in this issue the Kent "Berkeley Square" nail-brush, packed in an attractive display box, and retailing at a moderate price.

WINDOW-DISPLAY COMPETITION.—The County Perfumery Co., North Circular Road, London, N.W.10, announce on another page of this issue a window-display competition commencing on June 3 and continuing for a month.

PEATTEX.—Burgoyne, Burbidges & Co., Ltd., London, E.6, issue literature concerning Peatex medicaments, for which they are the sole distributors. These preparations convey the qualities of raw peat.

PYSECT LIQUID INSECTICIDE.—Trade terms for Pysect liquid insecticide, manufactured by Stafford, Allen & Sons, Ltd., Cowper Street, London, E.C.2, appear on another page of this issue. Ample display material is available.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1935, p. 323.

(From "The Trade Marks Journal," May 1, 1935.)

- "FISSAN"; for perfumery, etc. (48). By Fissan, Ltd., 19A Coleman Street, London, E.C.2. 558,112. (Associated.)
- "HELIORAY"; for goods (48), excluding after-shave sprays and the like. By Heliogen, Ltd., 11 Waterloo Place, London, S.W.1. 558,653. (Associated.)
- "FASPOS"; for a fire-proofing compound (50). By I.C.I. (Fertiliser and Synthetic Products), Ltd., Imperial Chemical House, London, S.W.1. 557,686.

(From "The Trade Marks Journal," May 8, 1935.)

- "BENZORON"; for chemicals (1). By British Carbo-Union, Ltd., 52 Grosvenor Gardens, London, S.W.1. 558,690.
- "JAK TAR"; also "JAK TAR" on label design incorporating picture of sailor; for liquid disinfectants derived from tar, excluding soap (2). By W. H. Corless & Son, 21A St. Matthew's Street, Holbeck, Leeds, 1. 557,935/6. (Associated.)
- "DORMATROL"; for an antiseptic wash for fruit trees (2). By Pan Britannica Industries, Ltd., 14 Waterloo Place, London, S.W.1. 558,250.
- "VINSTHENE"; for medicinal chemicals (3). "DORYL"; for medicines (3). By E. Merck, Frankfurterstrasse 250, Darmstadt, Germany. 555,558 & 558,422.
- "EXOLA"; for a medicated preparation for rheumatism (3). By P. J. Williams, 29 Shaftesbury Avenue, London, W.1. 556,422.
- "CALCIO-CORAMINE" ("Calcio" disclaimed); for medicated preparations containing calcium (3). By Society of Chemical Industry in Basle, 141-227 Klybeckstrasse, Basle, Switzerland. 557,951.
- "BLAIRSTONE OINTMENT" on design of stone on circle; for ointment (3). By M. Mair, Blairstone Mains, Culroy Road, Alloway, Ayrshire. 556,552.
- "PARACTOL"; for preparations for gastritis (3). "CIFONAL"; for a substitute for salt in dietetic disorders (3). By Homburg Pharma, Ltd., Africa House, Kingsway, W.C.2. 558,163/816.
- "BANORM"; for medicated vermifuge powder (3). By J. S. Davies, 18 Chepstow Mansions, London, W.2. 558,553.
- "ANTIBULIN"; for medicinal chemicals (3). By Allen & Hanburys, Ltd., 37 Lombard Street, London, E.C.3. 558,774.
- "HALICOSE"; for sweetmeats containing halibut liver oil (3). By Meadowcroft & Co., Ltd., Stanley Mills, Pimhole, Bury, Lancs. 558,831. (Associated.)
- "ANDIRGOIDS"; for medicinal chemicals (3). By G. A. Turner, 12 The Foregate, Worcester. 559,085.
- "RHUKRIM"; for medicated preparations for external use (3). By F. J. Osborne, 24 St. John Street, Ashborne, Derbyshire. 559,102.
- "ZODIAC"; for cameras (8). By J. Tuddenham, 5 Wrexham Road, Slough. 559,219.
- "IRICOL"; for syringes, pumps and douches (11). By A. G. Products, Ltd., Carlton Bridge, Great Western Road, London, W.9. 553,186.
- "EXPRESS"; for hair waving sachets containing chemicals (48). By I. Calvete, Ltd., North Street, Clapham, S.W.4. 552,378.
- "CREEPE DE CHINE"; for perfumes (48). By Parfumerie F. Millot, 57 Avenue Victor-Emmanuel III, Paris, France. 558,629.

Marriages

HOWARD—ADAMS.—At St. Andrew's Church, Church Aston, Shropshire, on April 22, Percy Stonham Howard, chemist and druggist, to Mavis Winifred Adams.

HOWARTH—WIDDALL.—At St. Paul's Church, Little Marsden, Nelson, on May 7, Fred Hunter Howarth, M.P.S., F.B.O.A., 107 Heywood Road, Prestwich, to Ida Widdall.

HUGHES—PEARSON.—At Cleveleys Congregational Church, on May 7, William James Hughes, chemist and druggist, to Ethel A. Pearson.

Deaths

BASKER.—At Ashbourne, Clarence Park, Weston-super-Mare, on April 28, Mr. John Anthony Basker, Ph.C., aged eighty-one.

BROWN.—At Dovercourt, Heslington Lane, York, recently, Mr. Charles Maltby Brown, retired chemist and druggist, aged seventy-one. Mr. Brown was in business for many years at 24 High Ousegate, York.

ELLIS.—On May 15, suddenly, Mr. William Edwin John Ellis, for many years proprietor of a business at 111 High Street, Ilford, recently transferred to Woodlands Chemists, Ltd., aged fifty-three. The funeral is to take place at 10.30 a.m. on May 18, at St. Mary's, Ilford.

HENDER.—At 6 Tothill Road, Plymouth, recently, Mr. Walter Coad Hender, chemist and druggist, aged seventy-five.

KING.—On April 15, Mr. Charles Edward King, Ph.C., for thirty-two years in business at 217 High Street, Watford.

LOVELY.—At Patcham, on April 25, Mr. Ernest Lovely, chemist and druggist, aged seventy-nine.

MOORE.—At 56 Grange Road, Bermondsey, London, S.E.1, on April 17, Mr. John Shipp Moore, chemist and druggist, aged ninety.

NEAVE.—On May 5, at Highfield, Fordingbridge, Mr. Dugby Howard Neave, J.P., managing director of Neaves Food, Ltd., aged sixty-two.

SCOTT.—At Bonnyrigg, on May 11, Mr. Malcolm Scott, chemist and druggist. Mr. Scott qualified in 1891.

SHAW.—On May 11, Mr. John Shaw, chemist and druggist, High Street, Gosforth, Newcastle-upon-Tyne, aged sixty-seven. Mr. Shaw was a native of Kirkcaldy, and served his apprenticeship to Mr. Samuel Lawrence, Oban. For fifteen years he was manager for Mawson, Swan & Weddell, Newcastle, before going to Gosforth twenty-four years ago to start business on his own account.

STILES.—At 10 Avenue Road, Doncaster, on May 9, Mr. Matthew Henry Stiles, Ph.C., F.R.M.S., aged eighty-eight. Mr. Stiles passed the Major examination on July 16, 1862. The business at Frenchgate, Doncaster, with which his name has been associated, is 103 years old, having been established in 1832 by William Dunhill. Mr. Stiles entered the business in 1869 as senior assistant; on the death of Mr. Dunhill in 1879 he was taken into partnership with Mr. Dunhill's son, and the firm became Dunhill & Stiles. In 1887 Mr. Dunhill died and Mr. Stiles became sole proprietor. In 1908 he took into partnership his elder son, Mr. Henry William Stiles, chemist and druggist. Mr. M. H. Stiles was a founder of the Doncaster Scientific Society in 1880, its first secretary, twice its president, and a life vice-president. He was the first president of the Doncaster Pharmacists' Association, formed in 1909. He had kept a complete record of Doncaster rainfall for over thirty years, and was interested in other sciences. He was a cyclist for nearly half a century, and played golf after the age of eighty.

TAYLOR.—At Bournemouth, on April 26, Mr. Alexander James Taylor, chemist and druggist, late of Weston-super-Mare, aged sixty-one.

TODD.—At the Royal Southern Hospital, Liverpool, on April 17, Mr. Sidney Andrew Todd, chemist and druggist, aged twenty-three.

Personalities

MR. ERNEST JOHN DOBSON, J.P., chemist and druggist, Deal, has been elected to fill a casual vacancy on the Town Council.

MR. E. W. BOVILL (R. C. Treatt & Co., Ltd.), essential oil merchants, left by air on May 15 for an extended tour of East Africa, which it is expected will last from three to four months.

SIR WILLIAM EDGE, M.P., chairman of William Edge & Sons, Ltd., manufacturing chemists, Bolton, has given a banquet to the Bolton Wanderers Football Club, of which he is president, in celebration of their successful season.

THE MAYOR OF ST. IVES, Huntingdon (Councillor H. S. Turner, chemist and druggist), was on May 11 presented with a silver salver and a wallet containing Treasury notes in recognition of his services on Jubilee Day. There were over 1,000 subscribers to the testimonial.

MR. H. H. CANNON, M.P.S., chief pharmacist at the Prince of Wales's Hospital, Plymouth, P.M. 121 and 5134, received the collar of Past Prov. G. (M.) O. at the recent Provincial Grand Mark Lodge of Cornwall, and was on May 13 installed M.E.Z. of Zetland Chapter, No. 1071, at Saltash.

To celebrate the King's Silver Jubilee and to mark the centenary of local government, the Mayor of Blackburn (Alderman C. A. Critchley, Ph.C.) entertained town councillors, their wives, ex-Mayors, Mayors of neighbouring towns and Corporation officials to luncheon at the Town Hall on May 9.

MR. A. E. BEILBY, chemist and druggist, Old Radford, Nottingham, has been awarded a Silver Jubilee medal. Mr. Beilby, who will be remembered by many visitors to the Nottingham meeting of the British Pharmaceutical Conference in 1922, was eighty-three years of age on Jubilee Day.

MR. A. H. JOSEPH, governing and managing director of A. H. Joseph, Ltd., chemists, Port-of-Spain, British West Indies, who is at present in London on a business trip, has been elected a member of the West India Committee, 14 Trinity Square, E.C.3. Any communications may be addressed to him at that address.

MR. S. J. STEARN, F.S.M.C., who has been elected chairman of the National Pharmaceutical Union Executive, was born at Cambridge in 1887. He served his apprenticeship to Mr. E. Saville Peck, M.A., Ph.C. (who was president of the British Pharmaceutical Conference in 1921 and is now vice-president of the Pharmaceutical Society), and passed the Qualifying examination in 1909. Mr. Stearn purchased a pharmacy in Felixstowe two years later, but disposed of it during the war and served in the Royal Air Force till he was demobilised in 1919. He then bought a business in Felixstowe Road, Ipswich, and has since added branches in the same town. Mr. Stearn is a founder member of Ipswich Rotary Club. He was first elected to the Executive of the N.P.U. five years ago, and has represented the Eastern Division 3 continuously since that time.




MR. S. J. STEARN

Wills

MR. CHARLES FREDERICK BEADNELL, 11 Kenilworth Road, Newcastle-upon-Tyne, director of the Newcastle Zinc Oxide Co., Ltd., who died February 12 last, aged fifty-four, left estate gross value £2,875, with net personality £1,582.

MR. FREDERICK DEWHURST KENYON, 51 Talbot Street, Southport, Lancs., director of W. Meadowcroft & Son, Ltd., manufacturing chemists, Regent Street, Blackburn, who died on February 5 last, aged sixty-eight, left estate gross value £5,652, with net personality £5,558.

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THE CHEMIST AND DRUGGIST

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May 18, 1935

NO. 2884

The Council Election

TWENTY-ONE THOUSAND or thereabouts of voting papers were issued by the Pharmaceutical Society of Great Britain in connection with the election, results of which appear on page 603, and 9,000 were returned. This means that less than 50 per cent. of registered chemists and druggists who *volens volens* are "chain-ganged" members took the trouble to vote. Doubtless this will be officially interpreted as an indication that pharmacy is so satisfied with the work of the Council that to vote is superfluous. Would that it were so! It would probably be nearer the truth to state that disgust rather than approval is the prevailing sentiment. Yet those who abstained from voting should derive encouragement to do so next time, when they see that a newcomer—Mr. J. C. Young—has polled the second largest number of votes. It is to be hoped that Mr. Young will resist the breaking-in process to which all Council "colts" are subjected, and that he will be a pioneer in obtaining fair play for pharmacy, bearing in mind that the chemist who needs the most attention is the man behind the counter. To this matter Mr. Young will doubtless give his attention, for he himself is a retailer. Mr. H. M. Lloyd is also to be congratulated on his return to the Council, and on having attained fourth place. Mrs. Irvine may have suffered because the Council is already graced by the presence of a lady councillor. Yet at the risk of being proclaimed pro-feminist, we suggest that Mrs. Irvine should persist in her endeavours to attain Council rank. Mr. Noble is "out" for the time being. But we have not the slightest doubt that, so soon as the appointed time arrives, he will again be co-opted to fill the chair vacant as the result of the death of Mr. Thomas Hardy.

"Co-option and election are two distinct issues" was the quixotic statement made by the president at the annual meeting earlier in the day. This may be understood to mean that whatever the electors may decree during an election, the Council may decide otherwise if considered "expedient" when co-opting a member. We do not for a moment wish to suggest that Mr. Noble is not a desirable member of the Council. On the contrary. But a principle is involved. As it happens, Mr. Noble is eighth on the list. But we understand that there have been occasions on which the candidate who was *proxime accessit* in voters' opinion was not so considered by the Council, or at any rate by its advisers. If only 19,000 had voted instead of 9,000, what different tale we might have had to tell! At the annual meeting, held earlier in the day, members were given their usual opportunity of asking questions. Mrs. Irvine surely out-twisted Oliver by asking naïvely if candidates might be present at the counting of votes. The president said that even he never entered the room unless called for. Yet parliamentary candidates can be present if they wish, at their elections. Why should the same not apply to pharmacy? The Charter, we presume. A pleasant interlude was provided by Mr. Hugo Wolff, who compared the official organ of 1916 with that of the present day—

favourably of course to the latter. Unfortunately, he did not explain why he chose that particular year rather than 1906, 1896, or any other year. He further referred to THE CHEMIST AND DRUGGIST of 1865, also without much evident reason. But as His Majesty the King was born that year, we imagine that Mr. Wolff may have had some desire to mention the Silver Jubilee in some connection with pharmacy.

British Chemical Merchants

THE good attendance of members at the trade luncheon which preceded the annual general meeting of the British Chemical and Dyestuffs Traders' Association was evidence of the strength and virility of this organisation. Among the guests present were Mr. W. J. U. Woolcock, who for many years was the general manager and driving force behind the Association of British Chemical Manufacturers, and his successor, Mr. J. Davidson Pratt. It was pleasing to hear Mr. Woolcock in his speech when proposing the toast of "The Association" refer in happy terms to the much better understanding that prevailed to-day between the manufacturer and merchant. For many years, particularly in official quarters, the merchant was by no means an accepted item in the scheme of things in the chemical industry and some manufacturers, at one time, tended to adopt an attitude of non-co-operation. At this gathering the plea was made for both interests to work together for their mutual benefit, and there is evidence to-day that even some of the largest manufacturing interests are once again making use of the services the merchant has to offer. The absence, through ill-health, of the president of the Association, Mr. Victor Blagden, was much regretted on all sides and high tribute was paid to the valuable work he had performed for the traders during his long and distinguished connection with the Association. During the annual general meeting which followed the luncheon, the retiring chairman, Mr. Harold Gilliat, in his report to the members on the activities of the Association during the past year, made out a strong case against the attitude of Customs on the question of the correct valuation of imports on which duty under the Import Duties Act, 1932, was assessed. There is evidence that the department, to say the least, have used to the limit their powers under the Act, and, unfortunately, their attitude has become little short of dictatorial. The chief complaint seems to be against the department's demand for information as to the merchant importers' sales prices; legitimate objection is raised to being forced to disclose all details of their business done in this country. There is a tendency on the part of the water-side authorities to base "the value of the goods at the time of importation" on the ultimate sales prices in this country. We are not surprised to hear that the traders, through their organisation, are giving serious consideration to this important matter, with the object of testing the legality of Customs demands. The question of what action, if any, shall be taken on the expiry in August, 1936, of part I of the Safeguarding of Industries Act, 1921, a matter on which the Government has recently set up a Committee of Inquiry to make recommendations, is a subject on which the Association can speak with knowledge and authority on behalf of merchants, and we understand it is at present receiving careful consideration by the Executive Council. Mr. A. Elder Reed, who is well known in the chemical industry, was unanimously elected chairman for the coming year.

Pharmaceutical Society of Great Britain

Ninety-Fourth Annual Meeting, London, May 15

TIME will show whether the attendance at the ninety-fourth annual meeting of the Pharmaceutical Society, held at 17 Bloomsbury Square, London, W.C.1, on May 15, presages a more active interest in the affairs of the Society; in any case, about twice the number of members regarded as the average in recent years could be counted. With the president (Mr. John Keall) at the table were the vice-president (Mr. E. Saville Peck), the secretary (Mr. Hugh N. Linstead), the resident secretary in Scotland (Mr. J. Rutherford Hill), and the Society's solicitor, Mr. W. H. Quarrell). The members of the Council present were, so far as we could see, Mrs. Freke, Messrs. Antcliffe, Beardsley, Deacon, Guthrie, Marns, Melhuish, Noble, Parry, Rowsell, Simmons, Skinner and Wells; and the audience included Mr. F. Browne, Mr. F. E. Bullen, Mr. R. Clitherow, Mr. W. B. Falding, Mr. W. K. Fitch, Mr. Alan Francis, Mr. J. P. Gilmour, Mr. W. H. Hallett, Mr. J. W. Haynes, Mr. F. G. Hobart, Dr. David Hooper, Mrs. Irvine, Mr. J. F. McNeal, Mr. E. J. Millard, Mr. Arthur Mortimer, Mr. H. Roberts, Mr. G. A. Tocher, Mr. H. Wolff and Mr. J. C. Young.

The president met his critics by anticipation in his opening speech, which occupied just under half an hour. He was even a shade too conscientious in giving reasons for the hope that was in him. The discussion had points that raised it above the level of recent years, though at least two of the speakers seemed unwilling to let well alone. Mr. Clitherow, a newcomer at these annual meetings, got in some shrewd thrusts, especially on the topic of the protection which he traced to the Charter. Mrs. Irvine delighted the meeting with her urbane heckling, suggesting a freshness of outlook that will be valuable when she is elected to the Council, as no doubt she will be. Mr. Long, of Reading, son of a Kensington pharmacist well known in his day, filled the rôle of *laudator temporis acti*, and was unable to see any future for the ordinary retail trader. Mr. Keall's reply cleared up a few obvious misconceptions, and indicated that the advocates of territorial representation would have their chance at the Belfast meeting of the Conference. The result of the Council election, printed on p. 603, shows that Mr. H. M. Lloyd returns after an interval of several years, Mr. J. C. Young joins for the first time, and Mr. C. A. Noble is unseated by a small margin.

The President's Statement

The following are the principal passages in the presidential statement:—

You will notice that the paragraph headed "Registers" records a decrease of 2,745 in the number of members of the Society. This, of course, is a decrease based on the rather artificial figure of membership at the beginning of the year 1934, which was due to the coming into force of the Act of 1933, and the temporary association with the Society of everyone on the Register. . . . In the paragraph headed "Education," the report records the submission of the draft of new Examination Regulations to the Council. I can carry the report a stage further by saying that those Regulations have now been approved by the Privy Council, and are now in force. They are the result of an immense amount of work, and many conferences, dating back to 1928. They have taken a long time in passing through the various stages of preparation, but it has been time well spent. Although far-reaching changes are embodied in them, their passing has been accompanied by none of the upheavals and uncertainty that have accompanied the coming into force of some earlier sets of Regulations. . . .

This is an appropriate occasion for me to express our indebtedness to the vice-president of the Society, Mr. Peck, not only for carrying through these Regulations, but for many years of enthusiastic work as chairman of the Education Committee. While dealing with the educational work of the Society, I would make a passing reference to the Diploma in Biochemical Analysis and the Diploma in Pharmaceutical Analysis, each of them representing an opportunity for pharmacists to show their proficiency in chemical work allied to pharmacy. The diplomas are so far in their infancy, but the Council is watching their progress with the closest interest in order to see whether they can be appropriately worked into the Society's general educational scheme, and in particular to ascertain in what direction propaganda can be most usefully directed for the advantage of those holding the diplomas.

It must be remembered that the large sum which falls into this year's accounts as profit on the British Pharmaceutical Codex must be offset by not only the actual publication cost this year, but also the costs during the period of revision. The profit is therefore not so great as this year's figures alone seem to show. Furthermore, part of it will be utilised in financing the next revision. I should like here to repeat my congratulations to Mr. Skinner and his co-revisers for the production of so excellent a book, and to Mr. Simmons and the staff of the publications department for so successfully securing its wide distribution. . . . Before leaving the subject of finance, may I emphasise what has already been said by the treasurer, and what is perhaps sometimes overlooked? The new members of the Society have not been brought in as a prop to sustain an old institution which requires new life. Very far from it. They come into an old and flourishing institution which in recent years has developed both in its material resources and in its ability to render increased services to medicine and to the public. We welcome the newcomers, and we look for their active participation in our work, and more particularly in the work of our branches. But we may pardonably remind them that they have come into a goodly heritage, and that there are at their disposal assets accumulated by their predecessors over many long years. . . .

NEW HOUSE FOR THE SOCIETY

So much has been said on this question recently that I hesitate to discuss it again to-day. Nevertheless, you may feel that it is due to you that I ought at this meeting to tell you as simply as I can what are the Council's intentions and what has already been done. So much nonsense has been talked about the new building and so much has been said which would have been better left unsaid that the little that I shall need to say in order to put the facts before you may seem disproportionately insignificant in comparison with the flood of words which has been used. First, then, what are the Council's intentions? Our leases here are coming to an end, but there is no sign that the Society itself is coming to an end. Indeed, it will start upon its second century with every indication of a long and vigorous existence. As trustees for the future, the Council have decided that our headquarters ought to stand on a site which is our own property. Those of us who own the property in which our own businesses are situated know of the many advantages which come from that state of affairs. Some of us may know the disadvantage of being a tenant who can make no substantial changes without his landlord's permission, and who may find himself (as we find ourselves now) faced at the end of a lease with demand for a vastly increased rent. So in 1929 we bought our freehold site, and since then we have been planning the new building. Our intentions are that it shall be a building worthy of the Society and architecturally an asset to London, but there is a vast difference between something which is a fine building and something which is an expensive building. Certainly we do not contemplate a building too large for our needs or too expensive for our pockets. The building will, I hope, be somewhat larger than our immediate requirements, both to provide for future expansion and also to bring in some revenue until such time as that additional accommodation is needed.

Do we propose spending a quarter of a million pounds on a new building? No one is justified in saying that. Such preliminary estimates as we have been able to obtain indicate a cost of £195,000, which is £65,000 less than the figure so gaily talked about by some irresponsible people. But until the architect is appointed and the full possibilities of the site have been worked out, it is both foolish and unprofitable to talk in such terms of the cost of the building. In considering the cost, I would ask you to bear in mind three things. First of all we are not building for our own time only: we are building for the future, and the future must pay part of the cost. Secondly (if we take our present estimate) it represents less than £10 per head per member, and, as a capital sum spread over twenty, thirty or forty years, it is not an excessive amount. Thirdly (and remembering always what I have said about extravagance) pharmacy must not be afraid of big things. We are not a small and insignificant organisation. We are a large and important calling, entrusted by the State with important duties and with the responsibilities which go with such duties. Just as we as individuals would not be underestimated in this world, so do not let us underestimate the importance of our work, the importance of our Society or the importance of our calling by facing up inadequately to the responsibilities of a large problem. I can best summarise the present position by saying that we have:—(1) purchased a freehold site; (2) ascertained that the maximum accommodation which we might require can be accommodated on that site and is not beyond the financial capacity of the Society to provide for; and (3) taken steps which have practically resulted in the selection of an architect.

THE SOCIETY'S COLLEGE

A word now about the Society's College. I propose to deal with it under three heads:—(1) Does the Society need any longer to conduct a School of Pharmacy? (2) Does the Society need any longer to continue the Pharmacological Laboratories? (3) Should the School or the Pharmacological Laboratories be retained in London? Should we retain the School of Pharmacy? The School of Pharmacy costs us about £4,000 a year. It was originally started when there were no other institutions specifically preparing students for examinations in pharmacy. To-day there are twenty or more such institutions. The function of the Society's School has been to set an example. Is there now any need for it to fulfil this function? My own answer is a very definite Yes, for these reasons:—First, therapeutics is slowly but surely extending into the biological field, both in its search for new medicinal agents and for methods of testing substances which cannot be tested chemically. If pharmacy is to fulfil its function of furnishing the physician with what he requires for the treatment of the sick, it must keep pace with this change. In other words, there is still need for a "pace-maker" among schools of pharmacy. Until the time comes when the schools of pharmacy in this country are attached to schools of medicine, as is the case in the University of Leeds and to some extent in the University of Manchester, there will be need for the example of a school such as ours, closely linked with progress in medicine through the *personnel* of its teaching staff and the work done in its research laboratories. . . . Secondly, the continuation of our College is necessary if there is to be a satisfactory output of pharmaceutical research. Research may seem very far removed from the ordinary practice of pharmacy, but, in fact, it is the life-blood of our calling. Our experience has shown that in a number of the institutions approved by us research work is either non-existent or of small amount, often through no lack of desire for that work on the part of the teachers, but because the circumstances under which they work make research difficult or impossible. Until a considerable volume of research work of good quality is turned out from schools of pharmacy we must maintain the research laboratories of our own College. . . . Thirdly, and in a sense linked up with my first two points, is the fact that our own College is one of the few University institutions teaching pharmacy and our staff one of the few pharmaceutical teaching staffs holding University positions. It is yet too early in the history of pharmaceutical education for us to sever lightly one of the few bonds which link us with the Universities of this country. Fourthly, the Society has a statutory duty to examine candidates for our qualifications. Examinations necessitate laboratories, and (those laboratories being available) it is not sound economics to have them standing idle ten months out of the year. One-third of our present building is taken up with examination

laboratories. If we had no school, those laboratories would stand empty while elsewhere new laboratory accommodation would have to be provided.

It may be as well here to make it clear that the University of London cannot assume the financial responsibility for our School. The University is a federation of self-governing schools which finance themselves, only partly with the help of the Government grant which reaches them through the University. Such money as the University has available for pharmacy is paid to us to-day, and if more money becomes available in future it will come to us. Again, the School brings the Council into close touch with the practical problems of pharmaceutical education and aids immensely in the formation of a sound educational policy. It provides opportunities for new developments to be tried out, and being, as it is, in close touch with medical bodies, and yet not subordinated to those responsible for the development of medicine, its staff is in a special position to assist the Council in keeping pharmaceutical education in step with medical progress. Lastly, experience over a long number of years has shown that the Society's School is a nucleus for the development of a feeling of very personal loyalty towards the Society. . . . There are a host of less important reasons, but they all go, to my mind, to show that the £4,000 odd spent annually on our School of Pharmacy is money well invested, and nonetheless so although some of the dividends earned may not be tangible.

THE PHARMACOLOGICAL LABORATORIES

As to the continuation of our Pharmacological Laboratories, I would say this. First, they are evidence of the desire of pharmacy to be associated with the advancement of medicine and to make its contribution to medical progress. Secondly, the incorporating of those laboratories into the Society's organisation has brought as it were a breath of fresh air into our old pharmaceutical outlook. However unwilling many of us may be to acknowledge it, medicine to-day is more than the bottle of medicine and the box of pills. Thirdly, the presence of the expert members of the staff of the Pharmacological Laboratories is an aid to the other members of the College staff, and enables that combination of chemical, pharmaceutical and pharmacological research to be carried out which is the essential basis of the advancement of rational therapeutics. Further, the work of those laboratories is known all over the world, and has gained for the Society a recognition in which each individual member shares. Lastly, but by no means the least important, comes the fact that we have done no small service to the public by the commercial testing of vitamin-containing substances in those laboratories. . . .

The retention of the Pharmacological Laboratories in London is essential, the one advantage of their transfer to the suburbs being that there would be more space for housing animals for the same or less cost. The disadvantages are: (1) The additional staff which would be required—a separate typing and filing department and a caretaker and a caretaker's house; (2) a separate library, even with which the staff would be awkwardly placed for access to such London libraries as that of the Royal College of Surgeons and the Royal Society of Medicine; (3) workers of the laboratories would be removed from other laboratories and other workers in London; (4) the close association between the School and the Laboratories would be lost (since the School would have to remain where the examination laboratories were) and the value of the contacts between the staffs of the two departments would be lost. Lastly, there are obvious advantages in the Laboratories remaining an integral part of the Society's House, in close contact with all the other activities of the Society. Their staff are able to take part in the teaching in the School of Pharmacy, which is of immense benefit to the students, and are kept in touch with the Council. . . .

THE POISONS BOARD

You may expect from me some word about the work of the Poisons Board. They have, as you know, during the year produced for the comments of the interests affected a draft of their proposed recommendations to the Home Secretary. It is understood that substantial alterations may be made as the result of representations which have been received, but the contents of the final draft are not yet known. We have probably all of us studied with some care the first draft, and whatever our views may be as to the complication of its legal

form and as to improvements which might be made in a number of directions, we must, I think, agree that we have been well served by our pharmaceutical representatives on the Poisons Board. They have undertaken with their colleagues a very difficult, a very detailed and a very thankless task in attempting to codify the complicated provisions of poisons legislation of this country. We are glad to feel that pharmacists have been able to take an active part in this work, although naturally we must await the final regulations before we can express a considered judgment. [The concluding sentences comprised tributes to the late Sir Donald MacAlister, Dr. George Coull, Mr. A. H. Jenkin, Mr. Thomas Hardy and Mr. John H. Robinson. The staff of the Society were thanked for their services.]

THE PRESIDENT then moved the adoption of the report, the resolution being seconded by THE VICE-PRESIDENT.

Discussion

MR. BULLEN, who caused a smile by saying he was from Brixton Prison, spoke of the heavy work which had been performed during the year by the Council, and said he had never been less inclined to criticise them. He recalled that some twenty-five years ago he was asked by some young hotheads to stand for the Council, but he had refused, and he had not been invited since by any of his older colleagues. With regard to the Codex, some of the members thought they might have been given a little more than 5s. reduction, and in view of the tremendous figures representing the Codex (laughter) he thought the amount might have been made 7s. 6d. But there was wonderful value for the 30s. Turning to the Benevolent Fund, he suggested the objects of the Fund should be more extensively advertised, and mentioned that in the old days a calendar was published and sold for 2s. with the names of subscribers and supporters. He believed that the reissue of such a publication would do a lot of good. Referring to the time of the evening meetings, he said he noticed with regret that they were being made later and later. It was all very well for certain people who had cars, and wanted to have a late dinner, to get to the lectures at 8.30, but for those who had to depend on the trams it was not so easy. He suggested that 7.30 would be a more convenient time for the meetings. Raising the question of reciprocity of registration, Mr. Bullen said they were still getting entries under Section 4 (b) of the 1908 Act, and he could not understand it. He was wondering whether the Regulations were being modified in a matter about which the members were not informed.

MR. CLITHEROW (Liverpool) said it was the first annual meeting he had attended, and he was carrying on the continued representation of the city so well represented in the past by the late Mr. Robinson. Personally he was sorry the meeting was not the power it once was, and in view of the undemocratic principles that appeared to have been adopted for delegates' conference meetings he was voicing the opinions of many when he asked if the Council was attempting to impose a dictatorship. It was realised that with the increase of membership steps would have to be taken to avoid an increase of delegates, but why not increase the number of members per delegate all round and give fair proportional representation? Would the Council inform the meeting that that principle would be adopted for next year? His branch felt most keenly on this subject. In the passage on the new syllabus and conditions there was no mention of learners and unindentured apprentices. Were the Council aware of this mode of entry into pharmacy, and did they intend to legislate? The new syllabus was noteworthy as a great step forward in pharmaceutical education, conforming with the charges laid down in the Charter of promoting a uniform system of education, and he hoped the Council had in mind the remainder of that paragraph. He referred to the clause for the protection of the business of the chemist and druggist, and hoped they would forthwith spend as much time and energy on that question as they had on the syllabus. They should ensure that protection was made effective by promoting a proper Pharmacy Bill. He also suggested that the Council should state at that meeting that the eighth candidate on the list that day, whoever he might be, would be co-opted in the place of the late Mr. Hardy. To do this after the poll would lead the members present to think that the eighth candidate satisfied the Council, whereas to make the declaration first would be a gesture members expected. Mr. Clitherow asked

whether two letters nominating him for the Council had yet been received by the secretary. He had been informed by the secretary that neither of the letters was received, and as they were not registered there was no means of tracing them. Both writers were willing to vouch for having sent them. Mr. Clitherow said the Journal had done a lot of suppressing of views lately. Would it be too much to ask that if a letter was unsuitable or space was limited the editor should write to the correspondent returning it with an explanation of why it had not been put into print? There was a considerable feeling that the Journal was run by the Council for the Council.

MRS. IRVINE asked whether candidates who so desired might be present at the counting of votes. As they were all aware, that was the custom at other elections.

THE SECRETARY said the by-laws of the Society contemplated the annual meeting being adjourned and a new meeting of scrutineers being held at which no one but the scrutineers were entitled to attend. It had been the practice of the Society in the past to allow none but the scrutineers to be present.

MRS. IRVINE said that was not an answer to her question.

THE PRESIDENT then said the answer must be "No" in view of the secretary's statement. Members of the Council, whether they put up for election or not, never entered the Council chamber during the counting of the votes. He himself only entered when the secretary informed him that the result was ready.

MR. LONG (Reading) drew attention to the position of the retail trader, for whom he said he could see no future. He had had sixty years' experience, having been in his father's business at an early age. Pharmacy, in his opinion, was much more interesting in those days than now when they had to face the competition of the multiple stores and the general stores.

MR. WOLFF referred to the extraordinary success of the Codex, and paid a tribute to the ability of those responsible for the actual production of it. He commented on the great improvement in the Journal and compared it with the publication in 1916. Commenting on the spirit of unrest and the suspicion which was shown towards some of the finest institutions in the country, he said the feeling had penetrated into pharmacy, and men who had served pharmacy for a generation and in some cases for a quarter of a century were turned out of their offices. It was not a good sign of the times, and he had raised the point in order to ask members when they came to consider who should represent them on the Council to say that in the first place they should have the chemist and druggist qualification and secondly ability.

MR. MILNER (Greenwich) made a sympathetic reference to the late Mr. John H. Robinson. With regard to the time of the evening meetings, he said that while he did not run a car, he found the present arrangements suited him much better than if they began earlier. Chemists in business in the suburbs especially found the meetings now very convenient.

MR. MCNEAL said that while members of the Society were expressing the view that representation on the Council should be based on ability, if they went to the Charter they would find that every member of the Society had the right to become a member of the Council. Were they to assume that some members of the Society had not the ability necessary for the Council? (Cries of "Yes" and laughter.) He suggested that members of the Council should direct their attention towards the promotion of a Bill for pharmacy. Having fulfilled the requirements of the State, they should consider how they were to get something back.

The President's Reply

THE PRESIDENT, replying to the discussion, said the Council would be only too glad to receive any suggestions that would help from a constructive point of view. The Benevolent Fund was kept constantly in mind by the Council, and their endeavour had been to secure a regular flow of subscriptions. With regard to the time of the evening meetings, during the last two years they had been very well attended, and there was little doubt that 8.30 was the most acceptable time for the majority of the members. It was a case where they must study the greatest good of the greatest number. He thought the point made about reciprocity was due to some confusion. As a matter of fact, the door had been closed to apothecaries'

assistants. Mr. Clitherow had raised the question of dictatorship in pharmacy, but there was no sign of it. The Council and the work of the Society clearly showed, on the other hand, a very keen and strong desire to work harmoniously. Mr. Clitherow had also mentioned the so-called change in the democratic condition of the delegates' meetings. All that had been done, however, was to bring down the representation to within reasonable bounds, and great care was taken in the process. Until real evidence was forthcoming they must accept the new proposals for the representation of the branches as a democratic position. Mr. Clitherow had referred to unindentured persons, those who might be called learners, and had been termed the errand-boy class. The Council had tried to clear up the position on that point, and had very clearly and definitely endeavoured to raise the standard of the entrance into pharmacy. There was an open door during the war years, but the Council had long ago realised that the ideal way was to have good material to work upon, and the educational proposals of the Society were only concerned with those who entered into articles of pupilage. There was now no way of getting in by the back door. With regard to the suggestion that the eighth candidate at the election should be co-opted, there were two distinct issues involved. There was first the result of the election that day, and there was also the duty of the Council to proceed to co-opt a member of the Council in the room of the late Mr. Hardy. These two matters were quite distinct, and it would be most improper to give any pledge at the moment as to the position on the Council. With reference to the nomination of Mr. Clitherow, no such nomination had been received; otherwise Mr. Clitherow would have been informed of the matter by the secretary. The point about letters sent to the Journal had been raised, and the answer to it was that the Council left the whole question of a decision regarding such correspondence to the editor's discretion. The Council had always maintained that the decision of the editor was final in such matters. Mr. Tetley had raised the question of co-optation, but this might almost be described as a domestic function of the Council, whose members had open minds with regard to the man or woman who should be co-opted in the place of any member. Mr. Woolff had spoken of the unrest that was so prevalent, and as a retailer himself he (the president) was bound to say that pharmacy had been as much affected as other walks of life. Pharmacy could not stand alone and be outside reactions from the difficulties and changes which the world had undergone. Mr. McNeal had raised the question of the fee for registration of businesses. The question had not yet been settled, but in a short time the Council, on the report of the Committee, would take a decision. The number of inspectors was provided by Act of Parliament, but on the other hand the Council, as the body controlling them, had the right to make representations, and there need be no fear that the Council's representations would not have the fullest consideration at the hands of government departments. The question of territorial representation was something approximating to a hardy annual, and there would be an opportunity at Belfast to go into the whole subject. He thought it would be a good idea if the matter could then be thrashed out.

SCRUTINEERS APPOINTED

On the motion of THE PRESIDENT, scrutineers were appointed to count the votes in the election of councillors.

AUDITORS ELECTED

The following were elected auditors of the Society:—Messrs. A. Hill, J. S. Hills, T. E. Lescher, E. J. Millard, E. A. Finney.

THE PRESIDENT called attention to the fact that the Registers were available for inspection.

The meeting was then adjourned for the purpose of counting the votes.

Council Election Result

The result of the Council election was declared just after 7.30 on Wednesday evening. THE PRESIDENT, who was in the chair at the adjourned meeting, announced that 21,230 voting

papers had been issued, of which 9,522 were returned and 9,406 were effective. The votes were given as follows:—

Melhuish, A. R.	...	...	...	5,858
Young, J. C.	...	...	...	5,800
Simmons, E. H.	...	...	...	5,400
Lloyd, H. M.	...	...	...	5,307
Parry, L. M.	...	...	...	5,125
Rowsell, P. F.	...	...	...	4,995
Wells, F. G.	...	...	...	4,744

Noble, C. A.	...	...	...	4,405
McNeal, J. F.	...	...	...	3,997
Barrs, P.	...	...	...	3,513
Irvine, Jean K.	...	...	...	3,215
Laws, J. J.	...	...	...	2,719

The customary vote of thanks to the scrutineers was proposed by THE PRESIDENT, and acknowledged by MR. F. BASCOMBE (chairman of the scrutineers). A vote of thanks to the president was proposed by MR. A. R. MELHUIH and seconded by MR. C. A. NOBLE, each of whom received an ovation from a larger gathering than is usual on these occasions. THE PRESIDENT briefly replied.

Council Meeting

The usual meeting of the Council prior to the annual meeting of the Society was held at 16 Bloomsbury Square, the president in the chair. The Council went into committee for the purpose of arranging the business of the annual meeting.

New Books

Oakes, Lois, and Bennett, A.—*Materia Medica for Nurses*. 7½ in. by 4½ in. Pp. 339. 7s. 6d. E. & S. Livingstone, 16 and 17 Teviot Place, Edinburgh. [An alphabetical arrangement of materia medica, with tables of weights and measures, doses, synonyms and so forth.]

Cooper, J. W., and Dyer, F. J.—*Dispensing for Pharmaceutical Students*. Fourth edition. 7½ in. by 4½ in. Pp. 377. 8s. 6d. Pitman & Sons, Ltd., Parker Street, London, W.C.2. [Revised and rewritten by Mr. Cooper. The chapter on sterilised preparations has been recast, and additions to the chapter on emulsions have been made.]

McHugh, G. P.—*A Practical Chemistry for Higher School Certificate and Intermediate Students*. 8 in. by 5 in. Pp. 117. 2s. 9d. Longmans, Green & Co., Ltd., 39 Paternoster Row, London, E.C.4. [The scope of the book is indicated by its title. Laboratory use is intended, and the directions for separation into groups are arranged accordingly.]

Three Hundred Medical Hints.—By a Physician. 7½ in. by 4½ in. Pp. 94. 2s. 6d. William Heinemann (Medical Books), Ltd., 99 Great Russell Street, London, W.C.1. [By the author of "The Fateful Forties—and After." The arrangement is alphabetical, with concise and non-technical definitions of terms, obviously designed for the information of the general reader.]

Weston, F. E.—*Carbon Compounds*. Sixth edition. 8½ in. by 5½ in. Pp. 113. 4s. 6d. Longmans, Green & Co., Ltd., 39 Paternoster Row, London, E.C.4. [The usefulness of this manual, the full title of which is "A Scheme for the Detection of the more Common Classes of Carbon Compounds," is indicated by the fact that the sixth edition has been reached. Corrections have been made, and further tests and an index have been added.]

A CELEBRATION.—The "Southern Daily Echo" of May 3 devoted four pages to the history and advertisements of more than twenty Southampton firms and companies which have been established twenty-five years or longer. Among these is Eucryl, Ltd., the managing director of which is Mr. A. Proctor Atkinson. Prior to 1900 Eucryl products were manufactured in Hull; then the business was transferred to London; and in 1919 it was removed to Shirley, Southampton.

Developing Empire Productions

Essential Oils and Crude Drugs

THE persistent efforts, many culminating in success, to institute and develop on a commercial basis the production of crude drugs and essential oils within the Empire is reflected in the Annual Report for 1934 of the Imperial Institute.* The following extracts indicate that, while these developments are mostly in their experimental stage, there is fair reason to anticipate a considerable expansion both in the range of products and the quantities produced in due course. The Institute not only carries out exhaustive technical examinations of samples received from all parts of the Empire, but furnishes full particulars as to the class of product required on this market, the competition to be met and much other useful commercial information.

Essential Oils

Considerable interest is being taken in various parts of the Empire in the production of essential oils, and during the year numerous samples were submitted for examination, including: geranium oils from South Africa, Northern Rhodesia, Kenya and Ceylon; lemongrass oils from Kenya, Uganda and Seychelles; cymbopogon, zanthoxylum and peppermint oils from Kenya; *æolanthus* oil from Northern Rhodesia; citronella, palmarosa and cinnamon root bark oils from Seychelles; ocimum oil from Seychelles and the Sudan; lime oil from Trinidad; and pimento leaf oil from Jamaica. In connection with the efforts of the Department of Agriculture in Kenya to improve the quality of the geranium oil produced in the colony, further samples of the oil distilled from varieties of *Pelargonium* plants experimentally grown by the department were received for examination. Four of these proved to be closely similar in character and were regarded in the trade as comparing reasonably well with the commercial oils from Algeria and Bourbon. These oils are of much better quality than the Mawah geranium oil previously produced in Kenya. The Ceylon oils, experimentally prepared by the Department of Agriculture, were found to have rather unusual constants generally similar to those of previous samples, and, like the latter, they differed from commercial geranium oils in possessing low ester values and exceptionally high acid values. They were inferior to commercial Bourbon and Algerian oils, and suggestions were made regarding further research which might be carried out in Ceylon with a view to improving the quality of the oil before undertaking its preparation on a commercial scale.

Cymbopogon oil had been distilled in Kenya from an indigenous grass, fairly widely distributed on both sides of the Rift Valley and elsewhere, which had been identified at Kev as *Cymbopogon afronardus* Stapf. Yields of oil ranging from a trace to 0.75 per cent. had been obtained from the fresh grass from various altitudes, the better yields being from material growing at the higher levels. The sample more resembled palmarosa oil (*C. Martini* Stapf var. *Motia*) than any other commercial grass oil, and it appeared to contain an appreciable amount of geraniol, but the odour was weaker and not so rose-like as that of palmarosa oil, owing to the presence of other constituents which imparted a distinct lemon-like odour. It is uncertain whether the oil has a sufficiently attractive odour to make it of value in perfumery, or whether it could be utilised as a source of geraniol.

Gums and Resins

Reports were furnished on fourteen samples of these products, including frankincense and myrrh from Kenya; an oleo-resin from Kenya; Wallaba resin from British Guiana; and periploca gum and tragacanth from India. Two samples of myrrh were forwarded from the Northern Frontier Province, Kenya, with a view to ascertaining whether the material was of sufficiently good quality to be worth export. Both samples were found to conform in all respects to the requirements of the British Pharmacopœia for medicinal myrrh. Brokers in London stated that consignments equal to the samples would be saleable, and offered to receive trial shipments. A sample of gum tragacanth received from the Department of Agriculture

North-West Frontier Province, India, was stated to have been collected in Chitral and to represent natural exudations from the plants. It was found to be inferior in quality to a good commercial sample of the Persian gum and would not satisfy the requirements of the British Pharmacopœia for pharmaceutical tragacanth; it could, however, be used for technical purposes. It was suggested that if the material is likely to be obtainable in commercial quantities a sample of the gum obtained by incising the stems of the plants, which would probably be of better quality, might be forwarded for examination and valuation.

Drugs and Insecticides

Samples of these materials investigated during the year included aloes from the Sudan; papain from Palestine; mundulea roots from South Africa; *dolichos* tubers and solanaceous plants from Kenya; *psyllium* seed from Cyprus; derris root from Seychelles; and *artemisia* plants from Kenya and the United Kingdom. A series of twenty-seven samples of *Artemisia maritima* and *A. gallica* plants from the British coasts were examined in order to determine the amount of santonin present. The yields of santonin were found to range from a trace to 1.3 per cent., the latter figure being given by a sample of *Artemisia maritima* from Norfolk. Six other samples of this species were found to contain 0.5 per cent. or over. The *A. gallica* samples gave figures ranging from less than 0.2 to 0.8 per cent. It was not possible from the results obtained with the limited number of samples examined to draw definite conclusions as to the effect on the santonin content of the species of plant, the geographical origin or the ecological situation. The results agreed with those recorded by previous investigators in showing wide variations in the amounts of santonin present, even in the case of plants growing in adjacent areas. Samples of wild *Artemisia afra* plants from Kenya were submitted. One sample consisted of florets with a few flower-heads, and the other mainly of flower-heads attached to stems. The first sample contained 0.29 per cent. of santonin expressed on the moisture-free material, whilst the flower-heads and the stems of the second sample contained 0.11 and 0.08 per cent. respectively. These quantities of santonin are insufficient to render the materials of practical interest. The Department of Agriculture in Seychelles submitted a sample of roots derived from *Derris malaccensis* plants approximately 18 months old. The material was found to contain 2.8 per cent. of rotenone as recrystallised from alcohol, and 3.3 per cent. as calculated from the carbon tetrachloride compound; it also gave 15.8 per cent. of total ether extract. Insecticide manufacturers who were consulted described the sample as "third quality" root. In reporting on the material it was pointed out that the commercial supplies of derris root are chiefly derived from *D. elliptica* and contain on the average about 5 per cent. of rotenone, and it was suggested that a sample of the roots of this species from Seychelles might be submitted for examination. The Director of Agriculture has since informed the Institute that he is proceeding with the trial cultivation of *D. elliptica*.

Kenya Pyrethrum

The successful cultivation of pyrethrum in Kenya has now been established, and the development of the industry on right lines is receiving careful attention in the Colony. The bulky nature of the flower-heads makes the cost of transport high, and the Director of Agriculture has had under consideration the feasibility of preparing in Kenya a concentrated extract for export. A statement was furnished showing that a standardised extract, prepared in Kenya, would be saleable in this country provided it possessed all the desired characters of the extracts now manufactured by many firms and that it could be offered at a competitive price. The preparation of an extract, not standardised, was not recommended. Attention, however, was drawn to the high cost of erecting and maintaining suitable plant. Northern Rhodesia had under consideration the growing of *Datura Stramonium* on a commercial scale and forwarded specimens of leaves. The sample was of good quality and only a little inferior to the Hungarian product.

* Stationery Office, W.C. Price 2s.

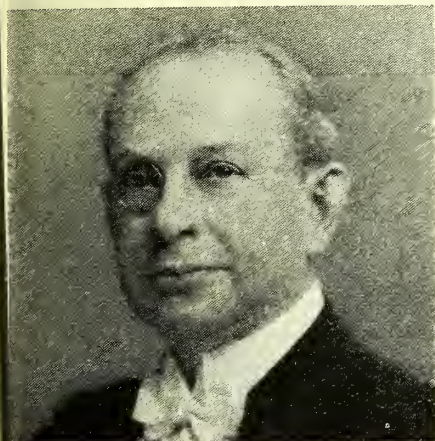
British Chemical Merchants' Meeting

THE twelfth annual general meeting of members of the British Chemical and Dyestuffs Traders' Association, Ltd., was held at the Waldorf Hotel, W.C.2, on Wednesday, May 15. Mr. Harold Gilliat (Leeds) occupied the chair at the trade luncheon which preceded the meeting, and was supported by Mr. A. F. Butler, vice-president, Mr. A. E. Reed, Mr. W. Beckley and other members of the Council. Among the guests were Mr. W. J. U. Woolcock, C.M.G., C.B.E., Mr. Davidson Pratt, M.A., O.B.E. (general manager, Association of British Chemical Manufacturers), and Mr. J. Fielding (Department of Overseas Trade). The loyal toast of THE KING was given with acclamation. Mr. W. J. U. Woolcock (Imperial Chemical Industries, Ltd.), in proposing the toast of "The Association," said he was a firm believer in trade organisations and congratulated the members on the sound work they had done during the past thirteen years. He welcomed the better understanding and appreciation of each other's difficulties that now obtained between the manufacturer and the merchant. Mr. Woolcock paid high tribute to the president and said he was certain he was voicing the opinion of everyone connected with the industry in expressing great regret at the absence of Mr. Blagden through ill-health, and he, like them all, hoped he would soon hear better news of their president. Mr. A. F. Butler, replying, in the absence

to delay such announcements until the latest possible time is unsettling to the trade. Confusion arose in regard to oxalic acid. As you know, it was found necessary to re-exempt this article at the last minute, when it was known that supplies from the home source would not be forthcoming. It seems incredible that the Board of Trade could have been unaware of the true position, and it is felt that the department rather tends to give more consideration to a firm who may be merely considering manufacturing a "key" chemical than to consumers. In the interests of the trade it is hoped that substantial evidence of adequate manufacture within the Empire will be required before consideration is given to re-imposing the duty on an exempted material. The duties are due to expire in August 1936, and the Board of Trade have already appointed a Committee of Inquiry to consider and report on the position that will then arise. There are several issues involved that are of vital importance to the chemical trade, and the matter is engaging the serious attention of your Executive Council.

Import Duties Act, 1932

The operation of the Import Duties Act has become a matter of day-to-day concern to all of us, and during the past twelve months we have had to contend with numerous alterations that, either directly or indirectly, affect the chemical trade.



MR.

VICTOR BLAGDEN,

PRESIDENT

(Sheriff for the County
of London)

MR.

A. ELDER REED,

CHAIRMAN

of Mr. Blagden, expressed the thanks of the members for the cordial manner in which Mr. Woolcock had spoken of their association and he was glad to think that they, as traders, were now accepted as a legitimate, necessary and by no means unimportant section of the chemical industry of the country. Mr. Butler read a letter from Mr. Blagden in which he expressed his regret at not being able to be present, and said that under prevailing difficult and uncertain conditions it was essential they should support their association in every way. Concluding his reply, Mr. Butler said he would like to add his tribute to the value of the leadership they had had in the person of the president, who had been actively identified with the Association from the day it was founded. During the course of the meeting which followed the luncheon Mr. A. Elder Reed was unanimously elected chairman.

Annual General Meeting

In the course of his report on the year's work of the Association, the chairman, Mr. H. Gilliat (E. G. Jepson & Co., Leeds) said: I have received the unstinted and loyal support of the members of your Executive Council who, individually and collectively, have worked to promote the interests of the Association. Your president, Mr. Victor Blagden, continues to give us much of his time and the benefit of his mature judgment. Commenting on the key industries duties, Mr. Gilliat said it is noteworthy that the Exemption List for products not made within the Empire has been considerably extended. The re-exemptions for 1935, however, were not published by the Board of Trade until the middle of December, thus shortening the usual period of notice by several weeks. The tendency

Cordial relations have been maintained with the Import Duties Advisory Committee, and we have, when necessary, been able to submit the collective opinion of the members on various matters. It is unfortunate, however, that so much time should be necessary for the proper consideration of a case. The period following the announcement of any application is always one of uncertainty, which has a disturbing influence on the trade concerned. The administration of the general *ad valorem* duties is a subject on which your Executive Council and Customs do not always see eye to eye. Delay has been the chief hindrance to the proper conduct of our business. In regard to the value on which duty is assessed, much thought and legal consideration has been given to the proper application of Section 15 of the Import Duties Act, and although, treated separately, disputes are usually settled, there is a considerable difference of opinion as to what is the proper basis for valuation. I consider that traders throughout the country have the right to demand a clear definition of this obscure section, and at the same time the extent of the powers of Customs to demand information should be more clearly defined and limited. A much-needed filip could be given to our entrepôt trade if all import duties were refunded on re-exports.

I wish to thank Mr. Paige for his courteous assistance to me during the past year. I tender sincere thanks to the president and also to the members of the Council for the loyal support which they have so willingly given to me.

The following officers were elected for the ensuing year:—President, Mr. Victor Blagden; Vice-Presidents, Mr. A. F. Butler and Mr. S. J. C. Mason; Chairman, Mr. A. E. Reed; Vice-Chairman, Mr. J. F. A. Segner; Hon. Treasurer, Mr. W. Beckley. See also p. 599.

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values.

28 Essex Street, W.C.2, May 16

Pharmaceutical Chemicals, etc.

BUSINESS has continued on routine lines this week and, in the aggregate, it has been fairly satisfactory. The general tone of the markets is steady, with many natural products distinctly firm forward. In the pharmaceutical chemicals markets business has been rather restricted, with the chief feature the comparatively cheap spot offers of Continental products. SILVER NITRATE, with the advance in the metal, is quoted dearer. SANTONIN remains in poor demand and at low figures. A new scale of prices, on a slightly lower level, for CARBOLIC ACID CRYSTALS is to operate from July next, for twelve months. The Convention prices for RED LEAD and WHITE LEAD, dry and ground in oil, have been advanced a further £1 per ton. Advances totalling £2 took place during April.

Crude Drugs

There has been a steady demand from consumers for many of the non-speculative products and the general tone is healthy. In a number of products the forward quotation is at a premium over spot. AGAR is moving on spot at full prices and shipment continues at good figures. CURAÇAO ALOES are firm and CAPE have been in demand for shipment at full prices. The shipment market for BUCHU continues at high figures, but business is of small account, the interest being mostly confined to the cheaper spot offers. New crop CASCARA SAGRADA is quoted rather easier. DERRIS ROOT is dearer on spot and firm forward. West African GINGER is dearer and firm on short supplies. Japanese MENTHOL has been subdued, but values are steady and level on the week. The manufacturing grades of TRAGACANTH have been selling well and spot values are now quoted up to 10 per cent. dearer. BEES' WAXES have been rather quiet, but with very limited supplies the market is fully steady. The demand for CARNAUBA WAX is limited, but, here again, the spot market is well supported by the lack of supplies at the source. There has been a substantial recovery in RUBBER, the market closing very steady and with more business doing. Consumption in America has increased considerably of late. A report of the drug auction held this morning appears on p. 610.

Essential Oils

Business in general has been none too good this week and some products are showing weakness, while others remain at unsatisfactory figures. ANISE (STAR) is again dearer for shipment. On spot, business in tins and drums continues good, but the demand for leads is slow. BERGAMOT for shipment is slightly easier, with very little doing. CASSIA is very firm on spot and is well supported by shipment offers. CITRONELLAS are steady but inquiry is of small importance. Bourbon GERANIUM is firmer forward. GINGERGRASS is in limited supply on spot at full prices. HO (SHIU) tends dearer on spot, with higher prices quoted from the source. Sicilian hand-pressed LEMON for shipment shows further weakness, and there is still but negligible business doing. LEMONGRASS is rather easier for distant shipment positions. French GUINEA ORANGE is steady but in very limited demand. Japanese PEPPERMINT is keeping steady for shipment; business of small account this week. WORMSEED is rather easier on spot.

Exchange Rates on London

The following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	May 16	Value of the £
Amsterdam ...	Fl. to £	12·107	7·20½	11/10½
Berlin ...	Mks. to £	20·43	12·12	11/10½
Brussels ...	Belgas to £	nominal	28·84	16/6
Copenhagen ...	Kr. to £	18·259	22·40	24/8
Lisbon ...	Esc. to £	110	109½	19/11½
Madrid ...	Ptas. to £	25·22½	35½	28/0½
Milan ...	Lire to £	92·46	59½	12/9½
Montreal ...	Dol. to £	4·86½	4·88	20/0½
New York ...	Dol. to £	nominal	4·87½	20/1½
Oslo ...	Kr. to £	18·159	19·90½	21/11
Paris ...	Fr. to £	124·21	74½	11/10½
Prague ...	Kr. to £	164·25	116½	11/10½
Stockholm ...	Kr. to £	18·159	19·39½	21/4
Warsaw ...	Zloty to £	43·38	25½	11/10½
Zurich ...	Fr. to £	25·2115	15·05	11/10½

Bank rate 2 per cent.

ABOUT average business is reported, with conditions fairly steady. Imported products on the spot continue to be offered at under the Continental figures. A new scale of prices is notified for carbolic acid crystals.

ACETANILID.—Quiet business; market steady; B.P. crystals and powder, 1s. 5½d. to 1s. 8d. per lb., as to quantity.

AMIDOL.—Convention prices are unchanged: 5½ lb., 7s. 3d.; 28 lb., 7s. 6d.; 14 lb., 7s. 11d. per lb., in 7-lb. tins.

AMIDOPYRIN.—Spot offers continue at less than Continental forward quotations: crystals, five cwt., 18s. 0½d.; two cwt., 18s. 5½d.; less than two cwt., 18s. 10½d. per lb.; with powder 2½d. per lb. extra.

ASPIRIN (TABLETS).—The wholesale scale of prices is as follows: Under 5,000, 3s. per 1,000; 5,000, 2s. 11d.; 10,000, 2s. 10d.; 25,000, 2s. 9d.; 50,000, 2s. 8d.; 75,000, 2s. 7d.; 100,000, 2s. 6d.; 250,000, 2s. 5d.; 500,000, 2s. 4d.; 1,000,000, 2s. 3d.; 2,000,000 and over, 2s. 2d. per thousand tablets. For over one million a rebate of 1d. per 1,000 on 10 million tablets over 12 months. Wholesale distributors' prices for smaller quantities would be dearer.

BARBITONE.—Spot material available at well under cost of replacement: to arrive, one cwt., 15s. 3½d.; 56 lb., 15s. 8d.; small parcels, up to 16s. 0½d. per lb.

BENZOIC ACID (B.P.).—Continues in fair demand: quantities, ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 2d. per lb., ex store, as to quantity.

BISMUTH SALTS.—Makers' scales of prices for these salts are unchanged. Carbonate, cwt. lots, 6s. 6d.; 8 lb., 7s. 3d.; smaller parcels, 8s. 6d. per lb., carriage paid. Metal prices steady.

CALCIUM LACTATE.—A little more inquiry; market competitive: spot, one cwt., 1s. 0½d.; 56 lb., 1s. 1½d.; 28 lb., 1s. 2½d.; smaller quantities, up to 1s. 6d. per lb.

CARBOLIC ACID (B.P. CRYSTALS).—A new scale of prices for deliveries during the twelve months, July 1, 1935, to June 30, 1936, is advised, as follows: Twenty tons, 7d.; 10 tons, 7½d.; one ton, 7½d.; less than one ton, 7½d. per lb., in drums, carriage paid. Wholesale distributors' prices for small parcels would be dearer.

CITRIC ACID (B.P. CRYSTALS).—Makers' quoted price continues at 11½d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers are offering imported material at keen prices. More business being done.

COCAINE.—British makers' prices for this market for wholesale bulk quantities are as follows, as from April 8: HYDROCHLORIDE and NITRATE, 25 oz. and over, 29s. 9d.; 16 oz. and less than 25 oz., 30s. 9d.; over 8 oz. and less than 16 oz., 31s. 9d. per oz. PURE, CITRATE and SALICYLATE, 25 oz. and over, 32s. 6d.; 16 oz. and less than 25 oz., 33s. 6d.; over 8 oz. and less than 16 oz., 34s. 6d. per oz., 16-oz. packages free, smaller packing extra. The scales of prices applicable to distributors of smaller quantities are as follows: HYDROCHLORIDE and NITRATE, 8 oz., 34s. 1d.; 4 oz. and less than 8 oz., 34s. 7d.; 2 oz. and less than 4 oz., 35s. 5d.; 1 oz. and less than 2 oz., 36s. 5d.; ½ oz. and less than 1 oz., 37s. 11d.; ¼ oz. and less than ½ oz., 40s. 11d. per oz. PURE, CITRATE and SALICYLATE, 8 oz., 36s. 10s.; 4 oz. and less than 8 oz., 37s. 4d.; 2 oz. and less than 4 oz., 38s. 2d.; 1 oz. and less than 2 oz., 39s. 2d.; ½ oz. and less than 1 oz., 40s. 8d.; ¼ oz. and less than ½ oz., 43s. 8d. per oz., packages extra. Resale: Sales subject to buyers undertaking not to re-sell any quantity at below the scale price for such quantity current at the time of re-sale. These scales of prices do not apply to export business, particulars of which may be obtained from the usual sources of supply. It is understood there has been no change in export prices.

CREAM OF TARTAR.—A fair inquiry, with British makers quoting 79s. per cwt. for 99 to 100 per cent., less 2½ per cent. discount, nominal and without engagement. Dealers' prices are competitive.

CREOSOTE (B.P.).—Bulk quantities in 25-kilo. demijohns quoted at 1s. 9½d. to 1s. 10d.; smaller packings, 1s. 10½d. to 2s. 2d. per lb., as to quantity.

GUAIACOL (CRYSTALS).—Prices for Continental material to come forward: 28-lb. jars, 10s. 0½d.; 14-lb. jars, 10s. 2½d.; 1-lb. bottles, 10s. 8½d. per lb., ex store. Liquid: 28-lb. demijohns, 9s. 6½d.; 14-lb. demijohns, 9s. 9½d.; 1-lb. bottles, 10s. 0½d. per lb., ex warehouse.

GUAIACOL CARBONATE.—Continental prices are still maintained: one cwt., 11s.; smaller parcels, 11s. 3½d. per lb.; spot offers at well under these figures.

HEXAMINE.—Moderate business at keen prices: B.P. powder, from 1s. 3½d. to 1s. 4½d.; free-running crystals, from 1s. 7d. to 1s. 8½d. per lb., carriage paid, for bulk lots. Dealers quoting free-running

crystals, two cwt., 1s. 8d.; one cwt., 1s. 9d.; 14 lb., 1s. 10d.; smaller parcels, up to 2s. per lb., carriage paid.

HYDROQUINONE.—Rather more business, with some keen offers on the market: one cwt., 4s. 6½d.; 56 lb., 4s. 8½d.; 28 lb., 4s. 10½d.; 14 lb., 5s. 1½d. per lb., carriage paid.

IODIDES.—Makers' prices are being maintained. Potassium Iodide, B.P., one cwt., 5s.; 28 lb., 5s. 2d.; 14 lb., 5s. 4d.; 7 lb., 5s. 8d.; 4 lb., 6s. 2d.; smaller quantities, 6s. 8d. per lb.

LACTIC ACID (B.P.).—Market competitive; business moderate: quantities, in carboys, 1s. 4½d. to 1s. 5d.; in winchesters and bottles, 1s. 6d. to 1s. 10d. per lb., as to quantity.

MERCURIALS.—With a steady business this market is well maintained. Chloride, B.P., one cwt., 4s. 9d.; less than one cwt., 4s. 10d. per lb., carriage paid.

METHYL SALICYLATE.—Inquiry restricted; makers' quotations unchanged: spot, ten cwt., 1s. 5d.; five cwt., 1s. 5½d.; one cwt., 1s. 6d.; less than one cwt., 1s. 7d.; small quantities, in bottles, up to 2s. per lb.

METHYL SULPHONAL.—Spot offers well under Continental forward figures; business slow: one cwt., 19s. 9½d.; 56 lb., 20s. 2½d.; small parcels, 20s. 8½d. per lb.

PARALDEHYDE.—Makers' scale of prices is as follows: 1 w-quart, 1s. 9d.; 6 w-quarts, 1s. 7½d.; 12 w-quarts, 1s. 5½d.; 36 w-quarts, 1s. 4½d. per lb., carriage paid on minimum 6 w-quarts. One demi-john, 1s. 2d. per lb., carriage paid.

PHENACETIN.—Cheap offers continue while business is unimportant: crystals or powder, 2s. 7d. to 2s. 9d.; smaller quantities, 2s. 9½d. to 3s. per lb.

PHENAZONE.—The scale for home trade is as follows: crystals, five cwt., 8s. 9½d.; two cwt., 9s. 0½d.; less, 9s. 3d. per lb.; powder, 2½d. per lb. extra. Export prices to the Empire, quoted f.o.b. Continent: five cwt., 8s. 9d.; two cwt., 8s. 11d.; less than two cwt., 9s. 1d. per lb. To other destinations, quoted in marks: 250 kilos., 11.25 marks; 100 kilos., 11.50 marks; less, 11.75 marks per kilo., f.o.b. Continent.

POTASSIUM PERMANGANATE (B.P.).—A steady call for limited quantities; dealers' prices well held: spot, five cwt., 10d.; one cwt., 10½d., in drums; smaller packings, 10½d. to 1s. per lb.

POTASSIUM SULPHOGUAIACOLATE.—Offering at keen prices on spot; business dull. Continental quotations: two cwt., 6s. 2d.; less, 6s. 4½d. per lb., ex wharf.

PYROGALLIC ACID.—Makers' prices continue unchanged; business quiet. Crystals, one cwt., 6s. 3d.; 56 lb., 6s. 6d.; 28 lb., 6s. 9d. per lb., net; 14 lb., 7s. 6d.; 7 lb., 8s. 3d.; less than 7 lb., 8s. 9d. per lb., less 2½ per cent., 7-lb. tins free, carriage paid. Wholesale distributors' prices for smaller quantities would be dearer.

QUININE SALTS.—Prices for these salts are maintained in sterling. Sulphate, 2s. 2d.; bisulphate, 2s. 2d.; ethyl carbonate, 2s. 10d.; salicylate, 2s. 10½d.; phosphate, 3s. 4d.; hydrochloride, 2s. 8½d.; bihydrochloride, 3s.; hydrobromide, 2s. 8½d.; bihydrobromide, 3s.; valerianate, 3s. 8½d.; hypophosphite, 4s. 0½d.; alkaloid, 3s. 0½d. per oz., carriage paid on bulk quantities; 100-oz. tins free, smaller packing extra.

RESORCIN.—British material, business quiet: crystals, one cwt., 4s. 11d.; 56 lb., 5s.; 28 lb., 5s. 1d.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; less than 7 lb., 6s. per lb.

SACCHARIN.—Convention price for 550 is 37s. 6d. per lb., duty paid, with rebates for quantities.

SALICYLIC ACID (B.P.).—Makers' prices steady; business rather slow: five cwt., 1s. 7d.; one cwt., 1s. 7½d.; 28 lb., 1s. 8d.; 14 lb., 1s. 9d.; 7 lb., 1s. 11d.; 4 lb., 2s. per lb.

SALOL.—Market dull: spot, crystals, two cwt., 3s. 11½d.; one cwt., 4s.; 56 lb., 4s. 0½d.; smaller parcels, up to 4s. 4d. per lb.; powder, 2d. per lb. extra.

SANTONIN.—Market has remained quiet, with sellers' prices ranging from £10 5s. to £11 per kilo.

SILVER NITRATE.—Makers' prices have advanced with silver values. 1 oz., 2s. 6d.; 2 to 24 oz., 2s. 5½d.; 25 to 49 oz., 2s. 4½d. per oz., ex store. Standard silver, 34½d. per oz.

SODIUM BENZOATE (B.P.).—Business on a fair scale, with quantities at 1s. 6d.; one cwt., 1s. 7d.; smaller parcels, 1s. 8d. to 1s. 10d. per lb.

SODIUM DIETHYLBARBITURATE.—A little more inquiry; quoted unchanged: spot, one cwt., 15s. 9d.; 28 lb., 16s.; 14 lb., 16s. 3d.; 7 lb., 16s. 6d.; smaller parcels, up to 17s. 3d. per lb.

SODIUM SALICYLATE (B.P.).—Not much interest; makers' prices are quoted at former rates: home trade, crystals or powder, five cwt., 1s. 8½d.; one cwt., 1s. 9d.; 28 lb., 2s.; 14 lb., 2s. 2d.; 7 lb., 2s. 3d.; 1 lb., 2s. 6d. per lb.

SULPHONAL.—Spot offers at well under the following Continental figures: crystals or powder, one cwt., 15s. 10½d.; 56 lb., 16s. 6d.; smaller parcels, up to 17s. 7½d. per lb.

TARTARIC ACID (B.P. CRYSTALS).—A very fair business being done, with British material quoted at 1s. 0½d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers' prices for imported material are competitive.

THEOBROMINE.—Continental material is quoted as follows: pure, two cwt., 7s. 0½d.; one cwt., 7s. 2½d.; 56 lb., 7s. 4½d.; less than 56 lb., 7s. 6½d. per lb. Soda salicylate, two cwt., 6s. 1½d.; one cwt., 6s. 2½d.; 56 lb., 6s. 3½d.; less than 56 lb., 6s. 4½d. per lb., 5-lb. tins free, carriage paid. Other salts quoted proportionately.

THYMOL.—Business limited; quoted unchanged: synthetic, fine white, one cwt., 5s. 9d.; 56 lb., 5s. 11½d.; 28 lb., 6s. 3½d.; 14 lb., 7s. per lb.; ex ajowan seed, one cwt., 8s. 3d.; 56 lb., 8s. 6d.; 28 lb., 9s.; 14 lb., 10s. per lb.

VANILLIN.—Continues fully steady at Convention figures, with a fair business being done. Ex clove oil or guaiacol, five cwt., 13s. 3d.; one cwt., 13s. 6d.; 56 lb., 13s. 9d.; less, 14s. per lb.

Crude Drugs, etc.

A REPORT of the drug auction is given on p. 610.

AGAR.—Spot is fully steady, but business has been unimportant. The shipment market continues firm. Kobe No. 1, 2s. 1½d.; No. 2, 2s.; Yokohama No. 1, 1s. 11d. per lb.; shipment, Kobe No. 1, 1s. 9½d.; No. 2, 1s. 8½d.; Yokohama No. 1, 1s. 8d. per lb., c.i.f.

ALKANET ROOT.—Dealers are quoting spot at about 47s. 6d. per cwt. for small parcels.

ALOES.—Very little Curaçao offering on spot and values would be from 90s. to 100s. per cwt.; shipment quoted firm at 77s. 6d. per cwt., c.i.f. Prime Cape for shipment is offering at about 43s. per cwt., c.i.f.

ANTIMONY.—Chinese crude is quoted at £26, c.i.f. English regulus at £76 to £77.

ARNICA FLOWERS.—Spot supplies are moving slowly, with small parcels at about 10d. per lb.

BELLADONNA.—Dealers quoting spot root at 57s. 6d. and leaves at 65s. per cwt. in small parcels.

BUCHU.—The shipment market continues firm and at a premium over spot values. The position generally is considered strong but business has been small at the higher rates now quoted.

CAMPHOR.—Market has shown little life; values steady: spot, slabs, 2s. 1d.; flowers, 2s. 1½d.; tablets, 2s. 4½d.; shipment, slabs, 1s. 9½d.; flowers, 1s. 10d.; tablets, 2s. 1d. per lb., c.i.f. English refined is still unchanged: flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz. and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz. and ¾ oz. and 1 oz., 3s. 6d. per lb.; special prices for contracts for quantities.

CASCARA SAGRADA.—The shipment quotation for car-load lots of new crop is now down to 31s. per cwt., c.i.f.

CHAMOMILES.—Some few small spot sales, with prices ranging from 177s. 6d. to 197s. 6d. per cwt., as to quality.

CINCHONA BARK.—At the auction of Java cinchona bark (Pharm.), held at Amsterdam on May 8, 863 packages (360 bales and 503 cases), weighing in total 32,512 kilogrammes, and containing 861 kilogrammes sulphate of quinine, were offered. Sales at and/or before the auction: 86 bales and 211 cases, weighing in total 10,505 kilogrammes, and containing in total 254 kilogrammes sulphate of quinine. There were sold:—

50 packages C. Succ. coarse and fine	23½ cents;
56 " " trunk bark strips and cuttings	26 to 32 cents;
34 " " " cuttings	30½ cents;
96 " " root bark coarse and fine	34 to 40½ cents;
45 " " " pieces	37½ cents;
16 " " " coarse	40 cents.

all per half-kilogramme, usual conditions of sale. Tendency firm. The next auction of Java cinchona bark will be held on Wednesday, June 12.

CLOVES.—Market is keeping steady; rather more inquiry. Zanzibar, spot, 6½d.; shipment, May-June, 6½d., c.i.f. Madagascar, 5½d., in bond; shipment, May-June, 5d. per lb., c.i.f.

The landings of Zanzibar in London during the two weeks ended May 11 were 339 and the deliveries 137, leaving a stock of 2,894. From January 1 to date the landings of Zanzibar have been 1,438 and the deliveries 1,638. Landings of Madagascar for the two weeks ended May 11 were nil, and the deliveries 196, leaving a stock of 1,798. From January 1 to date landings of Madagascar have been 2,318 and the deliveries 767 packages.

COCOA BUTTER.—Prime English is quoted at 8½d. to 9½d. per lb., as to quantity. Foreign, 8½d. to 9d. per lb.

COCONUT (DESICCATED).—Dearer on the week; business quieter. Spot, fine, 22s. 6d.; medium, 21s. 6d.; shipment, halves, May-June, 20s. 6d. per cwt., c.i.f.

COD-LIVER OIL.—The shipment market for finest Lofoten steam-refined non-freezing medicinal oil continues steady but rather subdued at 90s. per barrel, c.i.f. London. Spot, in small lots, 135s. per barrel, ex store, duty paid. Newfoundland, non-freezing medicinal oil, 130s. per barrel, ex store. British non-freezing medicinal oil is now quoted at 110s. to 112s. 6d. per barrel, c.i.f. London, duty free, while quotations from another home source are at higher figures.

DAMIANA LEAVES.—Plenty of spot supplies of new leaves, with the value about 1s. 3d. per lb., for small parcels.

DERRIS ROOT.—This market continues firm. Spot is now quoted from 1s. 2d. to 1s. 4½d. per lb., as to ether extract; shipment is fully maintained at 1s. 2d. to 1s. 3d. per lb., c.i.f., as to test.

ERGOT.—Market continues firm. Spanish, spot, nominal; forward, 1s. 5d. per lb., c.i.f. Russian has been in very fair demand on spot and quoted in the region of 1s. 4½d. per lb., as to quantity.

GENTIAN.—Rather quieter demand, with spot values ranging from 35s. 6d. to 37s. per cwt., as to quantity.

GINGER.—West African continues firm on spot at 36s. 6d. to 37s. per cwt.; for arrival, 34s. 6d. Jamaican is quoted at 72s. 6d. to 75s. for small grinding up to 90s. and 100s. per cwt. for bold, in barrels, spot.

HENBANE.—Dealers are quoting spot supplies from 80s. to 85s. per cwt., as to quantity.

HYDRASTIS.—Market fully steady but rather quiet. Spot, 6s. 3d.; shipment, 6s. per lb., c.i.f.

LIGUORICE ROOT.—Dealers have limited supplies of decorticated at 47s. 6d. per cwt.

LYCOPODIUM.—Spot supplies are available at about 3s. per kilo.

MENTHOL.—A restricted business is recorded, with values about level on the week. K/S brands, spot, 11s. 9d.; in bond, 10s. 6d.; afloat, 10s. 6d.; shipment, May-June, 10s. 4½d.; October-December, 10s. 3d. per lb., c.i.f. sellers. Japanese shippers are quoting May-June at 10s. 7½d. and October-December at 10s. 5d. per lb., c.i.f.

MERCURY.—The Spanish-Italian group reports business to all destinations has continued on a good scale, with the price steady at 55 dollars per bottle, f.o.b. Continent. Spot, in small lots, £11 11s. per bottle, ex store.

OPIUM.—A limited spot business with holders quoting about 1s. 5d. to 1s. 5½d. per unit, ex store.

PEPPER.—Market remains dull and unsteady. Lampong, 3½d., in bond; shipment, March-May, 3½d.; August-October, 3½d. per lb., c.i.f. Tellicherry, spot, 5d.; shipment, August-October, 40s., c.i.f. Aleppy, spot, 5d.; shipment, August-October, 45s. per cwt., c.i.f. White Muntok, spot, 10d.; shipment, all positions, 9d. per lb., c.i.f.

PIMENTO.—Remains at low figures, with the market dull. Spot, 2d. per lb.; shipment, May-June, 19s. per cwt., c.i.f.

RUBBER.—At the better values the market is fully steady, with rather more business moving. Standard ribbed smoked sheet, spot, 6d.; June, 6d.; July-September, 6½d.; October-December, 6½d.; January-March, 6½d. per lb.

SAFFRON.—Average small spot business. Spot, B.P., 1898, prime, 40s. 6d.; extra, 38s. 6d.; super, 36s. 6d. per lb. and less for bulk quantities.

SARSAPARILLA.—Occasional spot business in limited quantities: spot, grey Jamaican, 1s. 4d. to 1s. 5d.; native mixed colours, 11d. to 1s. per lb., as to quantity.

SEEDS.—ANISE.—Spot, duty paid, Spanish, 65s.; Bulgarian, 32s. 6d. CARAWAY.—Dutch, 34s. 6d. to 35s., spot, duty paid; 28s. 6d., f.o.b. Holland. CORIANDER.—Morocco, spot, quoted at 13s., duty paid; 11s. 9d. to 12s., in bond. New crop, for May-June shipment, not yet quoted. CUMIN.—Morocco, spot, 55s., duty paid; 50s., in bond. FENUGREEK.—Morocco, firm at 15s., spot, duty paid. MUSTARD.—English, 23s. 6d. to 33s. per cwt., according to quality.

SENEGA.—Occasional spot business, with the figure steady at 1s. 2½d. to 1s. 3d.; shipment, 1s. 2d. per lb., c.i.f.

SHELLAC.—Market is dull and irregular. Spot, standard, TN orange, 45s. to 50s.; fine orange, 100s. to 150s.; pure button, 95s. per cwt. For arrival, TN, May-June, 48s., c.i.f. For delivery, TN, May, 44s.; August, 46s. per cwt.

STRAMONIUM.—Rather easier prices are being quoted, with good green leaves at 45s. to 50s. per cwt., as to quantity.

TRAGACANTH.—Business has been sustained on a good scale, particularly for the grades ranging from £18 to £21 per cwt., supplies of which are now very limited. Manufacturing grades have been in good demand, and values are dearer at from 95s. to 120s. per cwt. The market generally is fully steady at the improved prices. Landings during April, 994 packages; deliveries out of warehouse, 832 packages.

	1935	1934	1933	1932	1931
Stocks, April 30 ...	5,860	5,697	720	13,261	11,240
Landed, to April 30 ...	4,397	2,925	1,886	6,007	3,734
Delivered, to April 30	3,188	2,598	4,069	4,343	3,521

VALERIAN ROOT.—Supplies continue scarce, with small spot parcels at 90s. per cwt.

WAX.—BEES'.—Business rather quiet, but values are fully steady on account of very limited supplies. Abyssinian, spot, 107s. 6d.; shipment, 97s., c.i.f. Benguella, spot, 107s. 6d.; in bond, 97s.; shipment, 95s., c.i.f. Conakry, spot, 107s. 6d.; shipment, 96s., c.i.f. Dar-es-Salaam, spot, 106s.; shipment, 100s., c.i.f. CARNAUBA.—It is reported that stocks at origin are practically exhausted. Fatty grey, 142s. 6d.; shipment, May-June, 142s. 6d., c.i.f. Chalky grey, 140s.; shipment, May-June, 140s., c.i.f. Primeira, 220s.; shipment, May-June, 190s., c.i.f. Mediana, 210s.; shipment, May-June, 180s. per cwt., c.i.f.

Essential Oils, etc.

BUSINESS has been moving on a slightly slower scale this week but values are keeping well up. Anise (Star) is firm. Bergamot is easier. Bourbon geranium is dearer forward. Sicilian lemon remains dull and easy. Japanese peppermint is rather better. Wormseed is dull and slightly easier.

ALMOND.—Steady business in small parcels. English-made, cwt. lots, 2s. 6d.; smaller parcels, up to 2s. 8d.; foreign, cwt. lots, 2s. 4d.; smaller parcels, up to 2s. 7d. per lb. Bitter, French, 9s. per lb.

ANISE (STAR).—The strong features of the spot market are tins and drums, which are in very small supply; leads are moving only slowly. The shipment market continues to be quoted at high rates. Spot, "Red Ship," in leads, 2s. 3½d.; in tins, 2s. 2d.; in drums, 2s. 1d. Shipment, in leads, 2s. 5½d.; in tins, 2s. 4d.; in drums, 2s. 3d. per lb., c.i.f.

BAY.—Market is dull; values steady. Spot, 49 to 50 per cent., 5s. 2d. to 5s. 6d. per lb., as to quantity.

BERGAMOT.—The shipment market has remained dull and quotations for some brands are now down to 4s. 9d. and others at about 5s. per lb., c.i.f., for quantities. The spot market is quoted from 5s. to 5s. 4½d. per lb. for small parcels, with nothing much doing.

BOIS DE ROSE.—Values for good oil are steady. Brazilian, spot, up to 5s. 9d.; shipment, 5s. 7½d. per lb., c.i.f. Cayenne, 10s. 3d., c.i.f.

CAJUPUT.—A little more inquiry, with B.P. oil on spot at 2s. 1d. to 2s. 4d.; green, 1s. 9d. to 1s. 11d. per lb., as to quantity.

CANANGA.—Spot holders are asking 12s. 6d. to 13s. per lb. for limited stocks. Shipment is sparingly offered at about 11s. 3d. per lb., c.i.f.

CARAWAY.—Occasional spot business; market rather competitive. Dutch rectified, 10s. 3d. to 10s. 6d. per lb.; crude, about 6d. per lb. less. Some offers slightly cheaper.

CASSIA.—Market continues firm on spot with holders of limited stocks asking 5s. 1½d. to 5s. 3d. per lb.; shipment is very sparingly offered from 4s. 9d. per lb., c.i.f.

CEDARWOOD.—Business of small importance; some keen quotations noted. American, drums, 1s. 1½d.; smaller packing, up to 1s. 4d. per lb. African oil at competitive prices.

CINNAMON LEAF.—Modest inquiries, with spot holders of Ceylon oil quoting 2s. 7d. to 2s. 9d., as to quantity; shipment, about 2s. 6d. per lb., c.i.f.

CITRONELLA.—Business for this market has remained dull, but values at current low levels are steady. Ceylon, shipment, about 1s. per lb., c.i.f., in drums; spot, drums, 1s. 2d. to 1s. 2½d.; smaller packing, up to 1s. 4½d. per lb. Java, shipment, about 1s. 2d., c.i.f., in drums; spot, in drums, about 1s. 4d.; smaller packing, up to 1s. 6½d. per lb.

CLOVE.—The shipment market for Madagascar oil is again easier at not more than 2s. 6d. per lb., c.i.f., in drums. The spot market is slow, with drums 3s. to 3s. 1d. per lb., and smaller packing about 3s. 3d. to 3s. 4d. per lb.

EUCALYPTUS.—Inquiry is quiet. Australian, 70 to 75 per cent., 11½d. to 1s.; 80 to 85 per cent., 1s. 0½d. to 1s. 1d. per lb., landed, in fair quantities. Spanish, 70 to 75 per cent., 1s. 2d. per lb.

GERANIUM.—The shipment market for Bourbon is quoted somewhat dearer up to 21s. 3d. per lb., c.i.f. On spot offers vary from 21s. to 22s. 6d. per lb., as to quantity and quality. Algerian is now offered for shipment at 22s. per lb., c.i.f.

GINGERGRASS.—Spot supplies continue scarce and firmly held for 5s. 1½d. to 5s. 3d. per lb. Shipment is nominal at 4s. 6d. per lb., with no firm offers.

HO (SHIU).—The shipment market is very firm, resulting in most spot holders hardening their spot values to 1s. 9½d. to 2s. per lb., as to quantity and quantity.

JUNIPER BERRY.—Occasional limited sized spot business, with good quality oil mentioned at about 3s. to 3s. 3d., and the finest quality up to 5s. per lb. for small parcels.

LAVENDER.—Market is neglected; quoted unchanged: genuine Mt. Blanc, 38 to 40 per cent., is offered at 26s. to 28s., landed; a good quality at about 21s. 6d. to 23s.; and other offers are down to 17s. 3d. per lb., landed. Lavandin is steady and quoted at about 13s. per lb.

LEMON.—Reports indicate the Sicilian shipment market for hand-pressed remains dull, with values now in the region of 4s. to 4s. 2d., c.i.f., and occasional offers at slightly less. It is estimated that the quantity of oil at the source available is about 300,000 lb. to meet world requirements. Spot values are at about 4s. 2d. to 4s. 3d. per lb., with business restricted. Californian oil is steady on spot; sales unimportant: large drums, 2s. 5d.; small drums, 2s. 5½d. per lb.

LEMONGRASS.—Rather easier shipment conditions are recorded and a little more business is reported to have been booked at these low figures. Spot, 3s. 4d.; shipment, near positions, 2s. 10d.; distant, 2s. 8d. per lb., c.i.f.

LIME.—Steady sales on spot of small parcels, with West Indian distilled at 24s. per lb.; shipment, steady, at 22s. 6d., c.i.f.

MANDARIN.—A little business at good figures for quality oil. Spot, 4s. 6d. to 15s. 6d.; shipment, finest quality, 14s. per lb., c.i.f.

NUTMEG.—The English-made product is selling quietly at about 3s. 3d. to 5s. 4½d. per lb., as to quantity.

ORANGE.—The shipment market for Sicilian sweet is lifeless and nominal at 11s. per lb., c.i.f. Bitter is quoted at about 7s. 3d., c.i.f., and up to 9s. per lb. on spot, with supplies limited. The French Guinea oil is moving but slowly, with shipment offers not less than 7½d. per lb., c.i.f., in drums; spot, drums, 3s. to 3s. 1½d.; smaller backing, up to 3s. 6d. per lb. Californian oil is dull on spot: one case, 2s. 6½d.; two or more cases, 2s. 4d.; drums, 2s. 3d. per lb.

PALMAROSA.—Market is steady; inquiry of small account. Spot, 3s. 7½d.; shipment, 6s. 4½d. to 6s. 6d. per lb., c.i.f.

PATCHOULI.—Still no firm offers from origin. On spot Singapore oil is selling slowly at about 10s. 7½d. to 10s. 10½d. per lb., as to quantity.

PEPPERMINT.—Business has been of small account and there is a wide margin in values between sellers and buyers. Spot, 3s. 10½d.; float, 3s. 10d.; shipment, May-June, 3s. 9d.; October-December, 3s. 6d. per lb., c.i.f. sellers. Japanese shippers quoting at 3s. 10½d. per lb., c.i.f., for May-June shipment. The American natural oil remains dull, with shipment prices ranging from 2 dollars 50 cents up to 2.90 per lb., c.i.f., in drums, as to brand.

PETITGRAIN.—There are now shipment offers down to 3s. 7d. per lb., c.i.f. Spot holders are asking about 4s. 2d. to 4s. 3d. per lb., as to quantity.

ROSEMARY.—The Spanish product is steady but seldom inquired for on spot. First quality quoted at 2s. 1d. to 2s. 2d.; second quality, 1s. 8d. to 1s. 10d. per lb., as to quantity. French, 3s. 6d. per lb.

SANDALWOOD.—Genuine East Indian Mysore, 19s. per lb., in one-case lots, on spot; isolated cheaper offers noted. English-made East Indian, 22s. 6d. to 25s. per lb., as to quantity. English-made West Indian, cwt. lots, 6s. 9d.; 56 lb., 6s. 10½d.; 14 lb., 7s. per lb. Australian, case lots, 15s. 6d. per lb.

SASSAFRAS.—Business remains dull. Spot, about 4s. for natural oil and artificial at cheaper figures.

SPEARMINT.—Offers on spot and for shipment continue to range over a wide margin. Holders' ideas of values range from 7s. 9d. to 8s. 7½d. per lb., as to brand, and shipment is anything from 7s. 2d. to 7s. 10d. per lb., c.i.f.

SPIKE.—The Spanish product on spot is steadily quoted at 5s. 6d. per lb., but business is lacking.

VETIVERT.—Bourbon for shipment is sparingly offered at about 38s., c.i.f., with small spot parcels at 39s. to 40s. per lb.

WINTERGREEN.—Genuine oil is quoted by dealers from 6s. to 6s. 6d. per lb. for small parcels.

WORMSEED.—Market is slightly easier; business limited. Spot, 9s.; shipment, 8s. 2d. per lb., c.i.f.

Fixed Oils, etc.

A MODERATE volume of business is reported, with prices for most products maintained at recent better levels, but there is a tendency towards rather easier conditions in some products. American turpentine is again dearer on spot, with June delivery at much lower figures. **ACID OILS.**—Market steady; modest demand: coconut and/or palm kernel, nominal, nothing offering; groundnut, 20s. 6d.; soya, 16s. 9d., spot. **CASTOR.**—Market is quoted steadily, with fair business being done: pharmaceutical, 43s.; first pressings, 38s.; second pressings, 35s. (barrels); cases, £4 per ton extra, ex mills, Hull, in not less than one-ton lots; Bombay, 29s. 6d. (drums), c.i.f. **COCONUT.**—Market has been rather dull and is easy: deodorised, 30s. 6d. (barrels), spot; Ceylon, 21s. 6d. (drums), c.i.f. **COTTON.**—A limited business, with values keeping steady: deodorised, 32s. 6d.; common edible, 30s. 6d.; soapmaking, 30s.; crude, 27s. (barrels), spot. **GROUNDNUT.**—Market is steady at current good figures: deodorised, 41s. 6d. (barrels), spot; crude Oriental, 33s. (drums), c.i.f. **LINSEED (RAW, NAKED).**—Market has been rather quiet, with values steady. Spot, 20s. 9d.; May, 20s. 6d.; June-August, 21s.; September-December, 21s. 7½d. Boiled oil, spot, 23s. 6d. per cwt. **OLIVE.**—Selling fairly freely at keen prices: edible, in tins in cases, 70s. per case of ten gallons; B.P., 5s. to 5s. 1½d. per gallon, in 40-gallon barrels. **PALM.**—The market has been rather quiet and the present good figures tend to ease a little: Lagos, 19s. 9d., shipment; softs, 19s. 7½d., shipment; mediums, 20s., shipment; hards, 20s. 9d., shipment; bleached, 24s., spot. **PALM KERNEL.**—Market is steady; business limited: deodorised, 31s. 6d.; crude, 24s. 3d., spot. **RAPE.**—Business has been rather quiet. Refined, 36s.; crude, 34s. 6d. (barrels), spot. **RESIN.**—Business restricted; values slightly easier: B, 10s. 6d.; D, 11s. 4½d.; F/G, 12s. 6d.; N, 13s. 10½d.; W/G, 14s. 6d.; W/W, 16s. per cwt., ex wharf. **SOYA.**—Keeping steady on a quiet market: deodorised, 35s. 3d.; crude, 31s. 6d., spot. **TURPENTINE, AMERICAN.**—At the further advance the spot market is fully steady. Total London stocks, 4,460 barrels. On spot, 59s. 9d.; June, 46s. 6d. per cwt. **WOOD.**—Hankow continues firm on spot at 79s. 6d. per cwt. in barrels. June delivery is quoted at 76s. and July at 73s. per cwt.

Commercial Notes

SANDALWOOD OIL.—A factory has been established in Bombay for the production of sandalwood oil on a large scale.

U.S.A. PYRETHRUM IMPORTS.—Arrivals during January totalled 1,615,065 lb. The countries of shipment were: Japan, 1,588,600 lb.; Yugoslavia, 22,117 lb.; United Kingdom, 4,348 lb.

GERMAN POTASH GROUP SALES.—Sales during 1934 of the German Potash Syndicate are reported to have been 12,200,000 double cwt., compared with 9,370,000 double cwt. during 1933. Exports amounted to 29.6 per cent. in 1934 and 23.6 per cent. in 1933, of these totals.

ZANZIBAR CLOVES.—Reports for the three months ended December 31, 1934, state that arrivals of cloves from the plantations totalled 106,700 bales and exports amounted to 16,397 bales. Exports for the full year 1934 totalled 696,046 frasilas (174,011 bales), compared with 689,040 frasilas during 1933.

SALE OF TIMOR SANDALWOOD.—On October 31, 1935, at 10 a.m., in the office of the "Division of Timor and Islands," at Koepong (Island of Timor, Netherlands East Indies), sale by tender will take place of 800 piculs of sandalwood, stored in the Godown, Kampong Solor, Koepong, where the wood may be inspected daily; sapwood (laburnum) having been removed, the wood marked, and assorted in five classes.

I.F.S. TO PRODUCE INDUSTRIAL ALCOHOL.—It has been announced by the Free State Government Information Bureau that five distilleries for the distillation of industrial alcohol will be erected in the following districts: Cooley, co. Louth; Carrickmacross, co. Monaghan; Carndonagh, co. Donegal; Letterkenny, co. Donegal; and Ballina, co. Mayo. Plans and specifications for the erection of these distilleries are at present being drawn up, and construction will begin before the end of June. Every effort is being made to have the distilleries in operation at the earliest possible moment, so that the maximum quantity of this season's crop of potatoes can be taken. It is not proposed to fix the price to be paid for potatoes until shortly before the distilleries begin to operate.

CEYLON CITRONELLA OIL EXPORTS, 1934.—The shipments during 1934 were 1,527,864 pounds, valued at 803,829 rupees, as against 1,459,423 pounds, valued at 1,273,832 rupees, in 1933. The principal destinations were as follows:—

Destination	1934	1933
United States	lb. 613,298	lb. 708,393
United Kingdom	395,092	301,272
Germany	95,126	118,896
Australia	82,504	61,221
British India	72,202	65,438
Netherlands	73,553	36,603

TURKISH TRAGACANTH.—The crop for 1934 was estimated at 150 metric tons, as against about 225 tons in 1933. The carry-over from the 1933 crop was about 35 tons. Arrivals of the 1934 crop from October to February were about 50 tons, 30 of which were sold prior to February. The producing areas within the boundaries of present-day Turkey yielded before the war an annual average crop of about 3,300 tons, but production declined immediately after the war to an annual volume of about 2,300 tons. Since then there has been a gradual decline to the present low volume. Recent reports on the production of gum tragacanth in neighbouring competing countries show the following production estimates for 1934:—Syria, 750 tons; Persia, 4,000 tons. Exporters estimate that gum tragacanth consumption in buying countries has increased 600 per cent. during the past 30 years, while production in growing countries during the same period has increased 1,000 per cent. Istanbul has become the only centre of export for Turkish gum tragacanth.

CHOSEN PEPPERMINT CULTIVATION.—The following report appeared in a recent issue of Tokyo "The Yakugoshuho." The Government-General of Chosen has been encouraging the farmers there to cultivate medicinal herbs such as peppermint, pyrethrum and galls. A recent report from the Korean peninsular states that the area of peppermint cultivation has greatly increased. This is particularly so over the Zenra Nando district where the cultivation of peppermint has made great expansion during the past three years, producing peppermint that competes with that produced in Japan proper. The Forestry Bureau of the Government-General has made a three-year plan commencing from next year for the annual production of 300,000 kin as raw material, and has begun to enforce inspection regulations over the Zenra Nando district. The cost of production is much cheaper in Chosen, in Hokkaido, Okayama and Hiroshima. At present the three districts of Hokkaido, Okayama, and Hiroshima are producing annually one million kin as raw material from which peppermint oil and menthol, valued at from six to seven million yen, is manufactured. About 85 per cent. of these products are exported to the United States, Great Britain, Germany and France. The Korean farmers are expected to become capable of producing one-third of the production of Japan proper.

London Drug Auction

Commercial Sale Rooms,

Mincing Lane, E.C.3.

May 16.

AT THE DRUG AUCTION held to-day nine catalogues containing about average quantities were submitted, the offerings covering the usual range of commodities. On this occasion there were a number of fresh importations, and in some respects more general interest was forthcoming. There was no outstanding feature to report other than the brisk demand which was again displayed for bleached CARDAMOMS. ALOES was fully steady, with a distinct shortage of offerings. RHUBARB was firmly held, and in consequence of the advance in silver all quotations from primary source are considerably in advance of the home market. In auction a fair quantity was sold at full rates and a number of lots withdrawn, having been sold just prior to the auction. BENZOIN was fully steady and held for full rates. DRAGONS BLOOD was steady, and stocks have recently been greatly depleted. BUCHU was very firm, importers holding for full rates in anticipation of higher prices later, in consequence of severe shortage in new crop. SENNA displayed more interest, a fair demand being shown for good TINNEVELLY hand-picked pods. HONEY met with more interest than recently, and there was a good selection of new crop available.

ALOES.—Cape, none offered; privately there is a limited supply at the recently advanced prices, good bright being obtainable at 46s. Zanzibar, two cases, livery in skins, were held for 57s. 6d. Curaçao: stocks very much reduced, and for good liver 100s. to 110s. per cwt. is wanted.

ANGELICA ROOT.—A parcel of 10 bales fair twisted Saxony was withdrawn at 28s. per cwt.

ANNATTO SEED.—This market has recently been displaying more interest and a fair business is passing privately. Ninety-three bags were offered, and withdrawn, Jamaica being held for 3½d. to 4d. and good bright Marmagoa at 3½ per lb.

ASAFOETIDA.—A parcel of sticky block was held for 75s. per cwt., "in bond."

BALSAM.—Copaiba, a lot of five cases was offered and withdrawn at 1s. 2d. for fair Para unfiltered. No lots of Tolu or Peru were offered, prices privately show no material alteration.

BENZOIN.—Sumatra was in fair supply, and for good almondy block a bid of £6 10s. was made. Fair seconds were available at £5 15s. to £6. Siam, stocks are getting into smaller compass and are selling at full rates, especially the bolder grades. In auction bean and pea was held for £20, pea size for £18, grains £15 10s. per cwt., all of good bouquet.

BUCHU.—A very fair business has been passing, and prices are considerably dearer from the source. In auction a fair selection of round leaves offered, and partly sold at 1s. 1d. Other holders were firm at 1s. 2d. to 1s. 3d. per lb., according to quality.

CALUMBA.—A lot of 20 bags of fair to middling washed was sold at 25s. per cwt. Privately there seems definitely more interest shown in this article.

CANTHARIDES.—A parcel consisting of ten cases fair Chinese flies was held for 2s. 3d. per lb., "in bond."

CARDAMOMS.—In active demand. Ceylon, a parcel of 41 cases, well prepared bleached, was mostly sold at steady rates. Indian, 96 cases, chiefly Mangalore character, were available at from 2s. to 3s. 6d. per lb., according to quality.

CASCARILLA BARK.—Five bags of ordinary to fair siftings retired at 1s. 5d. per lb.

CHAMOMILES.—Seven bales of good Belgian flowers were offered and retired at 230s. per cwt., ex store.

COLOCYNTH.—A parcel of rather brownish pulp was held for 1s. 5d. Stocks of this article are very small.

CORIANDER SEED.—There was available a parcel of 20 sacks of Essex-grown seed, of good flavour, at 50s. per cwt.

CROTON SEED.—Two parcels of good bright Ceylon seed were withdrawn at 35s. per cwt.

CUSCUS ROOT.—A parcel of five bales fair fibrous Indian was held for 26s. per cwt.

DRAGONS BLOOD.—Now getting very short, arrivals of late having been meagre. For fair to good Singapore lump, reboiled, £23 10s. per cwt. was paid. Other qualities were available at from £18 to £22, according to grade.

GAMBOGE.—A steady market, and for good Siam pipe £14 per cwt. is being paid.

GUAIACUM.—Still remains quiet and 21 packages were on offer and retired at from 1s. to 1s. 9d. per lb., according to quality.

GUM ACACIA.—Nothing offered, but the market remains firm with an active demand for all the cheaper grades for industrial purposes.

HENNA.—A total of 11 bales were available, and for dullish brown Egyptian, somewhat stinky, 35s. per cwt. was wanted. The broker reported that a fair business was passing privately at that figure.

HONEY.—Showed slightly more interest and of a total of 327 packages Jamaican, 10 sold, liquid pale amber to palish 28s. to 30s. Mexican, 60 cases smooth yellow, held for 25s. 6d. to 26s. 6d., "in bond," at which prices sales have been made privately; Canadian, 100 cartons set pale, were held for 48s. Australian, 10 cases smooth pale set, were withdrawn at 35s. Trinidad, 30 cases, dark liquid, were bought in at 23s. per cwt.

IPECACUANHA.—A fair business is reported in Matto Grosso at former rates. In sale there were moderate offerings of this grade and prices varied between 4s. 9d. to 5s. per lb., according to holder.

MYRRH.—Fully steady and there are not plentiful supplies available of really attractive sorts. A parcel of fair Aden sorts, part picked, was available at 110s. per cwt. For good Aden picked the price is £7 per cwt., duty paid.

ORANGE PEEL.—The offerings consisted of fair bright thin cut Maltese, for which 1s. 2d. per lb., duty paid, was wanted.

QUINCE SEED.—In all 12 packages were offered, fair Cape being obtainable at 1s. 9d. to 2s. and ordinary Persian at 1s. 6d. and 1s. 7d. per lb.

RHUBARB.—Although little actual business was done "under the hammer" a fair proportion had been disposed of privately. Shensi: The price has been advanced by some holders to 4s. 3d. and 4s. 6d. per lb. Other grades are equally firm.

SARSAPARILLA.—Eight bales of fair grey Jamaica was limited at 1s. 5d. Twenty bales native Jamaican were bought in at 10d. to 11d. Mexican, four bales, well washed, light brown, held for 7d., at which figure private sales are being made.

SENNA.—A steady market, and there is fair trade passing in Tinnevelly hand-picked pods of good colour. There has also been a distinct improvement in the demand for leaves, mainly for export. Alexandrian remains quiet, except for really fine hand-picked pods. For good whole leaf rod, was wanted.

STROPHANTHUS SEED.—Steady but quiet, and 100 per cent. Kombé was offered at 4s. per lb.

TONGUIN BEANS.—Again dearer, as stocks are practically exhausted. Of fair frosted Para beans there is a very limited supply available at 3s. per lb.

WAX.—Two packages of dark Jamaica sold at 95s. per cwt. Privately the market is very firm.

The next drug auction will be held at the Commercial Sale Rooms, Mincing Lane, on Thursday, July 18.

London Drug Stocks

LONDON STOCKS at April 30, 1935:—

Article	Quantity	Apr. 30, 1935	Apr. 30, 1934
Aloes	cwt	87	416
Cascara Sagrada... ..	tons	167	100
Bees' Wax	packages	1,142	1,343
Japanese Vegetable Wax	cases	214	335
Camphor	packages	475	473
Cardamoms	cwt.	865	973
Dragons Blood	cases	98	212
Galls, China and Japan	cases	458	229
Gum Acacia	packages	5,465	7,693
Asafoetida	cwt.	248	60
Benzoïn	cwt.	620	752
Olibanum	packages	326	469
Tragacanth	packages	5,860	5,697
Ipecacuanha	cwt.	107	136
Nux Vomica	cwt.	634	431
Rhubarb	cwt.	379	484
Senna	bales	5,092	5,039
Shellac	cases	286,670	206,965
Tumeric, Bengal	tons	9	57
Tumeric, Madras (other), etc.	tons	15	85

Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Council Election

SIR,—You will, I hope, allow me the courtesy of your columns to thank those members of the electorate who voted for me and particularly the members of the National Association of Women Pharmacists.—Yours sincerely,

JEAN K. IRVINE.

Chelsea, S.W.3.

SIR,—May I be permitted to offer my sincere thanks to those members who so kindly voted for me, and in such numbers as to secure my election at the first time of trying? It augurs well for the future of pharmacy that so much more interest has been taken in this election. If spared in the years to come, I shall do my utmost to deserve the confidence that has been placed in me.—Very sincerely yours,

J. C. YOUNG.

Highbury, N.5.

SIR,—I thank Mr. Skinner for his apologies, which are accepted in the spirit in which they are extended, but—he still does not say what *he* means by "proportional representation." Taking national government as an example, I understand proportional representation to mean—number of representatives of a party to be in proportion to the total number of votes cast for the policy of that party. As that interpretation cannot be applied to the Council election, I repeat: In proportion to what? I wish also to thank someone (who forgot to enclose his card) for a copy of "The Script," No. 259. It is extremely enlightening. In it Mr. Skinner makes a statement: "It is far better to have one election covering seven vacancies than to split the country into separate electoral areas." Although this statement is quite unsupported by any attempt at a reason, he blandly continues: "No favourable argument has been advanced that does not apply equally well to a national election." I have already suggested three: cost, simplicity, knowledge of candidates. Let me add that my support for territorial representation is not as Mr. Skinner and others appear to think, namely, to have the country geographically represented, as appears to have been the case in 1917. It is simply a workable method of splitting up the electorate, so as to put an end to the farce of multiple voting. In the address to members from the "sextet," are several arguments (!). May I rewrite them. The Society, like the Government, deals with national problems and not local differences, and I believe the old and tried system of territorial representation, which dates back to Magna Carta (?), applies equally to the national affairs of the Society as to the country. Territorial representation does not result in a good candidate being squeezed out, while a weak one is returned under the cover of a "united front." Every member has the right to register the one vote to which he is entitled as a member to cast on any question on which he may be called on to vote. He is not entitled to elect twenty-one proxies to act for him. Imagine at the next general election receiving a voting paper containing about 2,000 names and being asked to elect 600. Remove party distinctions and it would be absolutely absurd.—Yours faithfully,

WM. HEAP.

Cambridge.

SIR,—The Pharmaceutical Society's Council election for the seven vacant seats was the second one under compulsory membership of the Society: 21,230 papers were issued and 9,406 were valid, against 20,923 issued in 1934, when 9,443 were valid. It will be seen there was a slight decrease in spite of increased number of papers issued. Last year there were fourteen candidates and one of the old members, a past-president of the Society (Mr. L. Moreton Parry), lost his seat. On this occasion there were twelve candidates for the seven seats, and only six of the old members of Council were seeking re-election. At every election some old phases of previous contests are brought forward; on this occasion it was territorial representation, the educational tendencies and the projected new building. The old members characterised the attack on their position as "stability or stunt," while the president (Mr. John Keall), in his exposition of the past year, was apparently

obsessed by what he termed the "spirit of unrest." The poll once again showed the loss of a member of Council. The victim on this occasion was the candidate co-opted in place of the late Mr. John Humphrey, and against this may be set the remarkable success of a member of the North London Association. Another striking result is the return from Wales of Mr. H. M. Lloyd, an old member of Council who was co-opted many years ago and for three successive years sought to retain the position but failed. From the appeal issued from Wales this was evidently a response on territorial lines, and is a testimonial to the activity of those who believe in that form of representation on the Council. One other point stood out: Mrs. J. K. Irvine was ninth on the poll but she had recorded more votes than a lady candidate usually receives. It certainly is a testimony to a woman fighting independently for equality. Mr. Parry's 5,125 votes should compensate him for his defeat last year. The lessons to be learned are clear: bluff is of no service in the practical life of pharmacy. A combined effort by seven new men to spend the money necessary for circularising voters would quickly effect a change in the Council's reactions.—Yours, etc.,

C. SMITH (16/5).

Use of the Title "Doctor"

SIR,—In THE CHEMIST AND DRUGGIST of April 27 last, under the heading "Use of the Title 'Doctor,'" somewhat slighting reference is made to licentiates. If by this term is inferred those of the Royal Colleges of Physicians and Surgeons, the slur is unwarranted. All medical students pass through the same course; the period for all has a prescribed minimum; the curriculum, while varying slightly in different universities or Royal colleges as regards the order in which some subjects are taken, is otherwise similar in each. The precise length of residence in hospital is with each qualifying body identical. All lectures and practical work, clinical and laboratory duties, are obligatory. Special branches ancillary to medicine, surgery, gynaecology and obstetrics, such as lectures in or demonstrations on lunacy, fevers, radiology, rhinology, ophthalmology and other final studies are essential to the fulfilment of the General Medical Council's requirements. Having lectured to students of the universities and the Royal Colleges of Physicians and Surgeons I never found it necessary or possible to change the syllabus, for the examinations are of the same standard throughout. As regards the observation in respect of the title of address "Mr." in relation to surgeons, it is merely a point of etiquette, a custom dishonoured in the violation. A surgeon specialising in that branch is as jealous of the designation as his professional brother, the physician who is, by custom sanctioned by long usage, assigned "Doctor." Nor need the operator be a Fellow of the Royal College of Surgeons. To those who merely scrape through examinations it would be unfair, as indeed to chemists or other persons qualified in any sphere, with or without a degree, to be obliged to proclaim this fact by a deed of self-abnegation, whether the name be exposed on a brass plate or a shop front. To hold a licence or possess a degree in medicine, surgery and allied sciences, the General Medical Council, a statutory body, demand an irreducible minimum. This minimum, however difficult to the individual, is a guarantee of proficiency and a warranty of skill. Medicine does not advertise, nor are qualifications, however spectacular, flaunted in the public eye. Stringent but readily observed etiquette is the custom. There is no less dignity in one branch than another, but convention, originated by the exponents of surgery long ago, decreed that the appellation "Doctor" be not assumed by the surgeon. It would indeed be a matter for resentment if before a doctor sent his patient with a prescription to the chemist he required to know the position in the list of "passes" his brother pharmacist occupied.—I am, etc.,

JOHN SHIEL,

L.R.C.P., L.R.C.S., L.M., Ph.C., Barrister-at-Law.

Dublin.

[We are unable to detect any slighting reference in the article referred to.—EDITOR.]

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

L. M. G. (7/5).—CINEMA SPRAY.—For a cinema spray the following recipe, taken from "Pharmaceutical Formulas," Vol. II, will, no doubt, meet your requirements:—

Pine needle oil	...	...	2 oz.
Solution of formaldehyde	...	...	2 oz.
Acetone	...	...	6 oz.
Isopropyl alcohol	...	...	to 20 ozs.

For use as a spray mix one ounce with a pint of water.

An alternative formula is as follows:—

Thymol	...	...	1 oz.
Oil of eucalyptus	...	...	4 oz.
Oil of lavender	...	...	4 oz.
Indust. meth. spirits	...	...	5 pints
Solution of formaldehyde B.P.	...	...	8 oz.
Water	...	...	to 1 gall.

The latter is one of the formulas sanctioned by the Board of Customs and Excise.

W. G. (7/5).—SALAD DRESSING.—The book you require is "Pharmaceutical Formulas," Vol. II, which contains a very large number of recipes for domestic preparations. For example, there are five for salad dressings and from these we have selected the following in response to your request:—

Eggs	...	...	three
Olive oil	...	...	4 oz.
Vinegar	...	...	7 oz.
Mustard flour	...	...	1 oz.
Salt	...	...	$\frac{1}{2}$ oz.
Powdered ginger	...	...	20 gr.
Tincture of capsicum	...	...	20 m

H. C. D. (23/4).—MASTIC.—This is a term in general use in the building trade. What we think you have in mind is the type known as Scottish mastic. This is applied to mortar-like cements which are waterproof, and very adherent to brick and metal. The following is a formula:—

White or yellow sandstone	...	...	14 parts
Whiting	...	...	3 parts
Litharge	...	...	1 part

The ingredients are dried and heated, and well mixed while hot. The powder is afterwards sifted to remove coarse particles and mixed with raw and boiled linseed oil in the proportion of two of raw to one of boiled oil. The surface upon which the cement is to be laid is coated with linseed oil to promote adhesion.

J. P. K. C. (23/4).—DESTRUCTION OF WOOD-LICE.—A formula for a poison bait for wood-lice is as follows:—

Potassium bichromate	...	...	1
Glucose	...	...	2
Oatmeal	...	...	50
Water	...	...	30

Dissolve the bichromate in the water and add the other ingredients.

Infested ground can be dusted with naphthalene or slaked lime, but the most effective remedy is traps. A cold boiled potato covered lightly with moss and placed in a flower-pot sunk in the earth has been found most attractive. Particular attention should be paid to such places as rubbish heaps and damp spots under stones where these crustaceans congregate.

D. R. (7/5).—SULPHONATED CASTOR OIL.—This is prepared by allowing concentrated sulphuric acid to run slowly into castor oil, with constant stirring, taking care that the temperature of 35° is not exceeded. If necessary, the mass must be cooled, for secondary reactions take place at temperatures above 35° with liberation of sulphurous acid. The product is then mixed with a small quantity of water and the dilute acid allowed to settle out as a lower layer. This is drawn off and the oil washed with a solution of Glauber's salt, until the washings are only slightly acid. Finally, ammonia is added, until a sample gives a clear solution with a small quantity of water. Some manufacturers use soda instead of ammonia, or a mixture of ammonia and soda. Since the sulphonated oil is not completely neutralised by alkali, the resultant product still possesses a strong acid reaction.

D. J. H. (25/4).—LIQUID DRY SHAMPOO.—The factor in the failure to get a lather is the spirit. In alcoholic liquid shampoos dependence must be placed entirely on froth obtained from a saponin or by an alkali which produces a lather after the bulk of the spirit has evaporated by combination with the fat of the hair. This will be impossible if a liquid paraffin has been the basis of any hair cream used. Neither soap, nor any of the newer soapless shampoos, like lorol, is any good for lathering until the bulk of the spirit has gone. The recipe given on page 924 of "Pharmaceutical Formulas," Vol. II, will give the best result as the alcohol is only 15 per cent. Some soap could be added to this, but to dry shampoos of this character both alkali and soap are not required. Recipe No. V, "Pharmaceutical Formulas," Vol. II, page 249, being slightly alkaline with ammonia is just sufficient to get rid of excess of grease. Experiments we have tried with the newer substances have given poor results, so that the answer to your question really amounts to: the less the amount of alcohol, the better the result.

A. D. (29/4).—AN AERATED WATER DEPARTMENT.—We are not acquainted with any published matter giving statistics, capital and so forth for establishing an aerated water department. It would be necessary to know what is the contemplated scope of the operations. Most chemists confine the manufacture to the filling of syphons on a scale sufficient to supply their own immediate customers. In such a case the outlay would not be great if there was available an adequate source of power, either gas or electric. The requirements in the way of plant and containers are, briefly, an aerating cylinder for service with compressed CO₂ and a syphon filling machine, both adapted to the desired output. A tank for washing the syphons, and an injection apparatus for cleaning the insides, and means for polishing the "heads" are necessary. For a large output a labelling machine is desirable, but hand labelling on a small scale can be very expeditious. Cases for the dispatch of the syphons and means of their transport must be reckoned in the outlay. The preparation of the soda and other mineral waters involves the use of tanks and piping suitable for the conveyance of the water. Suitable vessels for the making of syrup and for the reception of it would not be overlooked. Essences can be made by the pharmacist, who would, at first perhaps, purchase them if he is not already acquainted with the *modus operandi* of producing soluble ones. If it is intended to produce bottled waters—other additional machinery must be employed for the bottling and corking of them. At present crown corks and screw stoppers are the fashionable means of closure.

J. W. (9/4).—IODINE SOAP.—Ordinary iodine soap is made by incorporating 2 to 3 per cent. of iodine, mixed with an equal quantity of potassium iodide, but so far as we are aware no standard has ever been laid down in an official or semi-official publication.

Retrospect of Fifty Years Ago

Reprinted from
"The Chemist and Druggist," May 15, 1885

Fun in the Commons

Any reference to patent medicines in the House of Commons seems to be regarded as necessarily humorous. A "London correspondent" thus describes the effect of the allusion to this subject in the Budget speech of the Chancellor of the Exchequer:—"When Mr. Childers mentioned patent medicines there were loud cheers, and the member for Bridport took snuff. Presently the gravity of the House was completely upset. Reading from his notes, Mr. Childers intimated that foreign medicines are in future to be 'administratively treated' like British medicines. The phrase 'administratively treated' caught the quick ear of Sir William Harcourt, and, from his place behind the Chancellor, he looked up with a droll shudder and a faint 'Oh! Oh!' Mr. Childers turned abruptly and seriously upon his right honourable friend. Mutual explanations had to be made, and meanwhile members on both sides laughed with robust heartiness."

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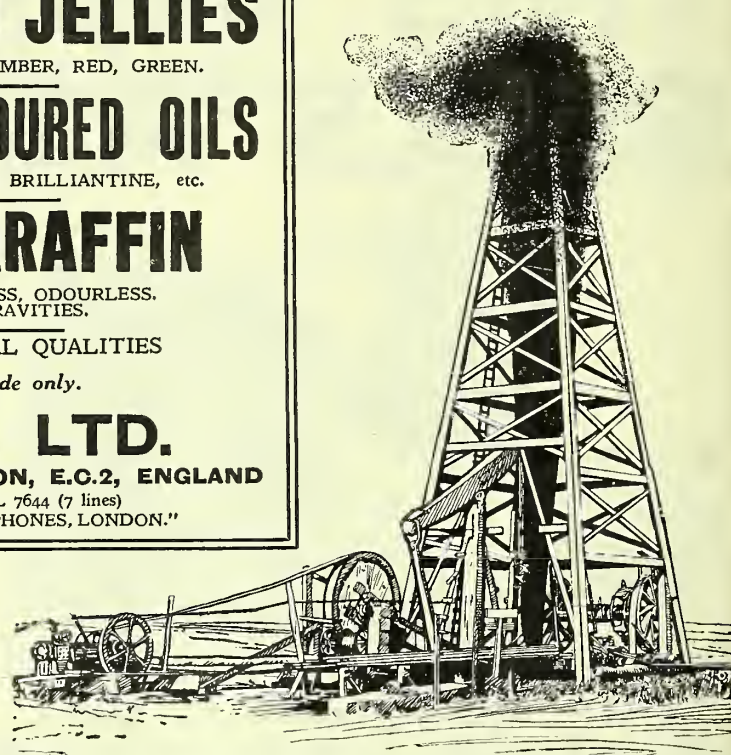
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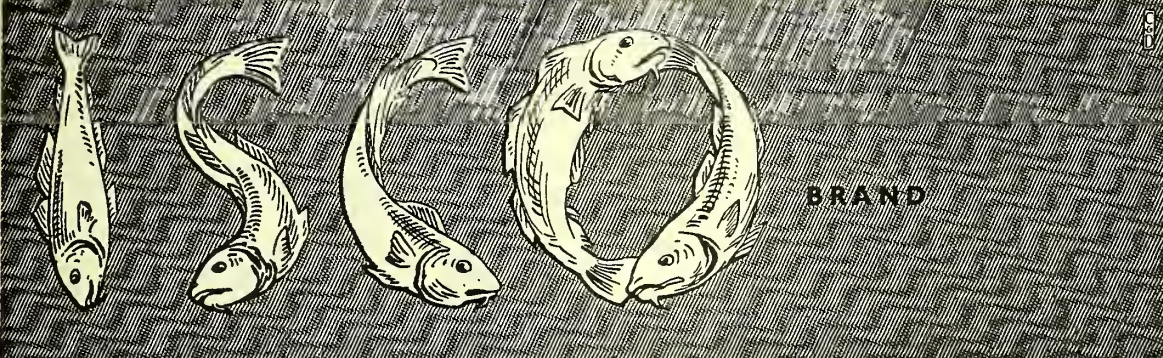
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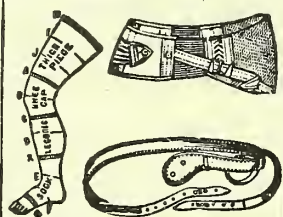
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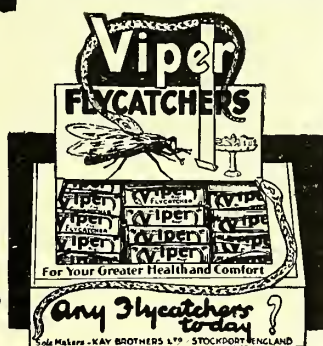
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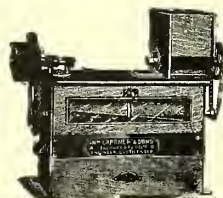
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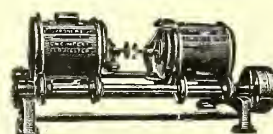
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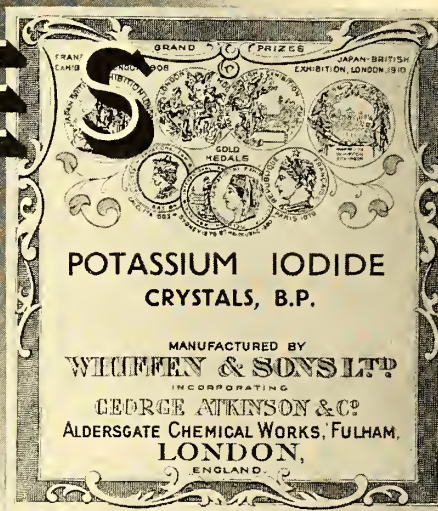
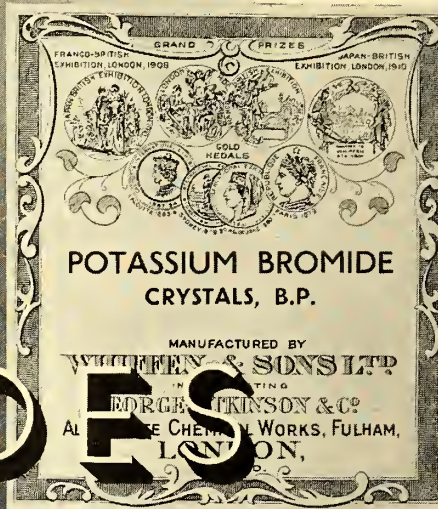
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The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

MAY 18, 1935

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1.—SOUTH KENSINGTON (NEAR).—Good-class Family and Dispensing Business; established many years; turnover 1934, £1,768; single-fronted shop; excellent mahogany fittings; long lease; rent 100; this business offers considerable scope for increase by the addition of a little capital; for an immediate sale no reasonable offer would be refused—say £650.
 2.—WILLESDEN (NEAR).—Good-class Retail Business, with excellent Toilet connection; rapidly developing district; excellent position terrace occupied by multiple shops; returns, under management, for first half of present financial year about £1,100; imposing double-fronted shop, very well fitted and stocked; long lease; reasonable rent; price for immediate sale £1,400 or near offer.
 3.—MIDDLESEX.—Middle-class Business, with N.H.I.; returns 1934, £1,407, increasing; scope for increase; modern shop, well fitted and stocked; rent £52; rates £10; long lease; stock and fixtures worth about £425; price to be arranged.
 4.—WESTERN SUBURB.—Good-class Family Retail Business; returns approach £1,100; main-road corner shop, well fitted and stocked; rent £100; held on lease; price asked for goodwill £300; stock and fixtures at valuation.
 5.—LONDON, S.E.—Old-established Business, with Post Office attached; net profit about £450 per annum; good living accommodation; moderate rent; option of lease; price £1,250.
 6.—EALING (NEAR).—Newly established Business occupying excellent position; modern attractive shop, well fitted and stocked; returns for second year nearly £1,900, under management; price £750.
 7.—LEWISHAM (NEAR).—Main-road Business, conducted under management since its inception; returns 1934-35, £1,760; double-fronted shop, well fitted and stocked; price £900.
 8.—LONDON, W.10.—Neglected Working-class Business; returns last year about £1,000, of which £213 was from N.H.I.; double-fronted corner shop; rent £50 per annum; price to include premises, upon which there is 20 years' lease unexpired at a ground rent of £11 per annum, about £1,150; the upper part is also sublet to produce 21s. 8d. per week.
 9.—SUTTON (NEAR).—Cash Retail Business, with house attached; rent £100; price £300; returns last year £840.
 10.—BROMLEY (NEAR).—Middle-class Business; returns £1,147; rent £65; flat with three bedrooms; price £750 or offer.
 11.—CHATHAM (NEAR).—Middle- and Working-class Business for immediate disposal; established 1909; steady turnover, 1934 being £1,425; gross profit one-third; main-road shop, with living accommoda-

tion, in perfect repair; rent £90; 21 years' lease; price £650; for sale owing to domestic reasons.
 12.—WEST OF ENGLAND.—Country Retail and Dispensing Business; established 1919; returns exceed £2,100 per annum, with net profit £520; double-fronted shop, with 6-roomed house; rent £56 per annum; rates £24; 11 years' lease unexpired; stock and fixtures worth about £950; terms; valuation of stock and fixtures, plus an agreed sum for goodwill, or lump-sum offer considered.
 13.—LANCASHIRE.—Light Retail and Dispensing Business; returns average £25 weekly, steadily increasing; gross profit 40 per cent.; very attractive shop; stock and fixtures worth £750; rent, inclusive of rates, £2 8s. 1d. weekly; price £600; Post Office can also possibly be obtained if applied for immediately.
 14.—SOUTH DEVON.—Light Retail Business, returning £16 per week under management; nice residential district; 8-roomed house, with two private entrances adjoining; rent of shop £1 weekly; price of business £500; no near opposition.
 15.—SURREY.—General Retail Business, with Kodak Agency; returns £1,500 per annum, increasing; optics £2 to £3 weekly; well-fitted shop; stock and fixtures worth £850; rent £140; sublet £65; price required £1,250.
 16.—BRIGHTON (NEAR).—Chemist's Business in busy shopping thoroughfare; returns under management £20 per week, with good N.H.I. connection; rent £75 per annum; 21 years' lease; price £350, plus stock at valuation.
 17.—LEAMINGTON (NEAR).—Old-established Business offering scope under energetic supervision; returns at present £20 weekly; rent £50 per annum; rates 6s. weekly; held on lease; living accommodation, with private entrance; price £500.
 18.—CARDIFF (NEAR).—Good-class Family Business, with Medicated Wine Licence; returns exceeded £2,000 last year; net profit £495; 5-roomed house, with bathroom; rent £100; held on renewable lease; price £1,300, or valuation terms entertained.
 19.—WESTCLIFF.—Old-established Business in main road; returns 1934-35, £1,550, under management; rent £110; lease has 19 years to run; terms, £250 for goodwill, plus valuation of stock and fixtures, about £900 in all.
 20.—BERKS.—Unopposed Country Retail Business, with Rexall Agency and Tobacco; very much neglected owing to ill-health and old age; good house attached, garage and beautiful garden, with lawn, fruit and flowers, also vegetable garden; rent £48; held on lease; price £250.

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(C1) SOUTH WALES.—Attractive modern pharmacy with rapidly-increasing turnover; this year's returns are estimated to reach a minimum of £3,000; low rental; long lease; wonderful future prospects; price about £2,000, including stock £1,000; please supply bankers' references.

(C2) LEICESTERSHIRE.—Established family business with good scope for further increase; turnover for 1934 upwards of £2,000; living accommodation available if required; excellent opportunity for smart up-to-date chemist or company concern; details will be forwarded in confidence to genuine prospective purchasers, upon receipt of bankers' references.

(C3) WEALDSTONE (NEAR).—Established family business with excellent living accommodation, including all conveniences; splendid opportunities under personal proprietorship; turnover for last financial year upwards of £1,700; no Sunday or half-holiday duty; price £1,950, or near offer.

(C4) MIDDLESEX.—Progressive pharmacy (lock-up), admirably suited to young, energetic chemist, desirous of purchasing a business with particularly good future prospects; turnover for 1934 financial year, £1,407; rent and rates approximately £62; no near opposition; price £850, or reasonable offer.

(C5) LONDON, N.W.—Established working-class business with particularly good earning capacity; turnover approximately £20 weekly, plus substantial N.H.I.; net profit about £350 yearly, with good prospects for considerable further increase; low rental; price all-at £450; immediate enquiry strongly advised.

(C6) WIMBLEDON (NEAR).—Excellent profit-earning cash business with definite opportunities for further development; turnover approximately £2,300 per annum; net profit upwards of £600; reasonable rental including living accommodation; price by negotiation.

(C7) FINCHLEY (NEAR).—Owing to contemplated retirement an established main road pharmacy with spacious house above, is available for purchase at a reasonable figure. Present returns approximately £1,750 per annum, with abundant scope for substantial increase; good stock and excellent fixtures; splendid opportunity for chemist with enterprise.

(C8) KENT.—Village pharmacy entirely unopposed, showing steadily increasing returns; freehold, which includes large orchard-garden with lawn, etc., also available; present returns £1,350-£1,400 per annum; excellently adapted to chemist seeking semi-retirement; reasonable purchase price; owner, who is a comparatively young man, wishes move to a more progressive centre, this business being situated in the heart of the country, amid rural surroundings.

Valuations for transfer, probate, income tax, etc., promptly executed at economical rates.

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2.—SURREY.—Good Family Retail and Dispensing, with branch; turnover £2,300; net profit exceeds £550; good living accommodation; own property; retiring; price £1,800.

3.—SOUTHERN COUNTY.—Good Light Country Retail; pleasantly situated near the coast; net profit £500, scope for increase; very best position; large house, garden and garage; heavily stocked; price £1,600.

4.—BEDS.—Good Medium-class Business; in small market town; present returns £18 weekly, increasing; growing district; house attached; stock worth £250; price £375 or near offer.

5.—MIDLANDS.—Medium Cash Retail, with N.H.I. and Photo; returns £1,172; net profit £300; attractive modern shop with house and large garden; price for quick sale £600.

6.—TUNBRIDGE WELLS (near).—Unopposed Good Middle-class Business; in rapidly growing district; returns £1,034; net profit £253; rent £50; long lease; stock and fixtures worth £370; price £475 or near offer.

7.—WEST MIDDLESEX.—Well-established Light Retail, in good main-road position returns £1,700, net profit £450; rent £75, sublet £68; spacious double-fronted shop, well stocked; leaving trade; price £1,000.

8.—EARL'S COURT.—Good-class Retail and Dispensing Business; turnover exceeds £1,750; net profit £427; well-fitted pharmacy; good position; low rent; long lease; price £1,070, or near offer.

9.—LONDON, S.E.—Old-established Light Suburban Retail; in main road; returns £1,242; net profit £251; modern-fronted shop with flat over; price £450, value of stock and fixtures.

10.—LONDON (Kent Suburb).—Light Cash Retail; in growing district; no opposition; returns about £800; plenty of scope; low rent on lease; price for quick sale £225; suit beginner.

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(C10) LIVERPOOL.—City business, with good scope for extensive development, consequent upon recent improvements; present return approximately £2,000 per annum; low rental; excellent opportunity for chemist desirous of acquiring a business where personality is an important factor; less than £1,000 will purchase; full details upon application.

(C11) ROMFORD (NEAR).—Genuine middle-class business for disposal owing to retirement, at very reasonable figure; turnover for last financial year upwards of £1,800; vendor owns property, and will grant a long lease at a very moderate rental; living accommodation; definite scope for further substantial increase; £200 only is asked for goodwill, plus the value of stock and fixtures.

(C12) PENGE (NEAR).—Attractive modern pharmacy with spacious window frontage, situated in busy shopping street; good scope for development; increasing turnover, the returns for last financial year being upwards of £1,250; reasonable overheads; living accommodation; price £750, or near offer.

(C13) SUSSEX.—Attractive country business, with no opposition situated amid beautiful surroundings near to sea; returns approximately £1,250 per annum; net profit about £350; freehold also available, upon which a substantial mortgage could be arranged; price of business £750 property £975, being considerably less than cost.

(C14) COVENTRY.—Progressive modern pharmacy with good living accommodation; turnover for last financial year, £1,172; good scope for increase; rent and rates £106 per annum; price £600, including stock £300.

(C15) LONDON, N.W.—Drug store, old established, occupying prominent position in busy main thoroughfare; in present hands upward of 30 years; turnover for last financial year, £1,173; excellent scope for substantial increase under qualified proprietorship; property could be purchased, or leased at a reasonable rental; living accommodation reasonable purchase price; owner retiring.

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BUSINESSES FOR DISPOSAL.

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DEVON.—Mixed Pharmacy, unopposed; accommodation, 6 large rooms, bath, electric light and nice garden; Kodak and Selo Agencies; summer visitors for delightful surrounding scenery; returns approx. £1,250 per annum; good reason for disposal at £550. Apply 137/15, Office of this Paper.

EASTBOURNE.—Old-established Business in main road to be Sold at sacrifice price; flats over could be let for rent; returns low owing to proprietor having other interests; splendid opening for Optics; well fitted; stock reduced to suit purchaser; only genuine enquiries replied to. Apply 140/19, Office of this Paper.

LONDON, N.W.—Drug and Photographic Store, in a thickly populated neighbourhood; suit Qualified or Unqualified; no opposition; well stocked; scope for increase; rent, rates and water £98 12s., sublet at £72 14s.; net profit £5 10s. weekly; sound reason for disposal; price for quick sale £165, or first nearest offer accepted. 140/2, Office of this Paper.

LONDON, S.E.—Old-established Business, living accommodation, in busy main road; Kodak Agency; small Optical connection; rent £110, sublet £65; turnover £1,242; stock and fixtures exceed £500; price £450 or nearest offer. 139/22, Office of this Paper.

MERTHYR TYDFIL.—In consequence of death; Chemist's business (established 50 years) for sale; double-fronted shop; good living accommodation; freehold premises value £1,000 (mortgage can be arranged); stock and fixtures at valuation, approximately £450. For particulars apply Martin Evans, Solicitor, 49 High Street, Merthyr Tydfil.

MIDLANDS (20 miles South of Birmingham).—Established 4 years; no opposition; Kodak Agency; returns £600 yearly; good lock-up shop; rent and taxes 10s. week; price £350; sound opportunity for good-class increasing business. Reply to 260/420, Office of this Paper.

NEAR SIDCUP.—Growing district; at present under Management; Kodak, Selo; D. & P., N.H.I.; Doctor's Private Dispensing; lease 15 years; rent £65, inclusive; fine chance for young man or company; £225 or nearest; nearest opposition 1 mile. P.C.B. 163/27, Office of this Paper.

POPULAR South Devon Seaside Resort.—Exceptional opportunity occurs for Qualified Chemist to acquire Drug and Photographic Stores and Kodak Agency; situated in one of the main streets; no opposition; definite opening for N.H.I. and Dispensing; established over 10 years; capital required for valuable freehold property, consisting of d.f. shop and ten rooms, side entrance, rooms let as two flats; fixtures, fittings, stock, etc., approximately £3,500. 139/7, Office of this Paper.

SOUTHEAST-ON-SEA.—Chemist; double-fronted shop; good living accommodation; low rent; well stocked; takings £20 per week; £350, all at. Apply Station Estate Office, opposite Priddlewell Station.

SOUTH WALES.—Old-established Pharmacy; turnover about £2,400 per annum, showing good profits; excellent living accommodation and garage, at present sublet; long lease; further particulars on receipt of banker's reference; no agents; price about £1,700. 139/48, Office of this Paper.

SURREY.—Attractive Modern Pharmacy; well situated in busy shopping street; good Medium-class Cash Retail; opening for Optics; Photographic not yet developed; Selo and Ucal Agencies; scope for extensive development; price of stock and fixtures £1,000; lease (20 years) £350. 140/21, Office of this Paper.

CHEMISTS' Confectionery Factory, fully equipped power machinery for Production of Medicated Boiled Goods; trade name, goodwill and formulae; moderate rental. Full particulars 62 High Road, Woodford Green.

DRUG STORE, N.E. London, middle- to good-class neighbourhood; splendid opportunity for business under Qualified management; rent £100, sublet £80, lease 12 years to run; shop is well stocked and fitted. 140/8, Office of this Paper.

EXCEPTIONAL Opportunity for Young Man of initiative to acquire handsomely fitted and well-stocked Pharmacy in busy thoroughfare, London, W.; very low price for quick sale. Apply 139/470, Office of this Paper.

GENUINE OFFER.—Fylde Coast town; rapidly growing neighbourhood; excellent modern Pharmacy, only opened one year; well stocked and beautifully fitted; at present under management; good scope for energetic proprietor; takings at present £15 per week, which could be easily increased; family reasons for disposal; bargain for quick sale; bears strictest investigation; no agents and only genuine inquiries invited; purchase of property optional, or low rental. 136/7, Office of this Paper.

OLD-ESTABLISHED Business in S.E. London; well stocked; low rent; 8-roomed house; P.O., with good salary, attached; price £1,275; genuine reason for disposal; particulars on application; no agents. 138/21, Office of this Paper.

OPPORTUNITY FOR CHEMIST.—Advertiser has no further use for Drug Store, having other business to attend; need for chemist as there are two surgeries near; large lock-up; main road; lease 12 years; will accept cost of fittings and stock. Apply 138/13, Office of this Paper.

RETAIL and Dispensing, Dorset; good house, garden at rear, lease 15 years to run; rent £120, rates £39; average returns £1,850; price settled after visit. "Senna," c/o Evans Sous Lescher & Webb, Ltd., 50 Bartholomew Close, London, E.C.1.

URGENT.—Pharmacy for immediate disposal; price, value of fittings; stock optional; no opposition; very low rental; unlimited scope; Post Office on premises; Kodak Agency, etc.; genuine. Apply Harris, 16 Amhurst Parade, Stamford Hill, N.16. Telephone: Stamford Hill 5114.

£100, OR NEAR OFFER, plus valuation, secures established middle-class Cash Retail; Kent Coast resort; net profit approx. £350; certified figures; scope for increase in energetic hands; owner leaving Pharmacy; a genuine offer at a reasonable figure; no triflers, please! 137/17, Office of this Paper.

BUSINESSES WANTED.

A GOOD Price will be paid for a Sound Business in London or Southern Counties; returns upwards of £3,000; cash waiting; banker's reference will be furnished. Apply Orridge & Co., 56 Ludgate Hill, E.C.4. Telephone: City 2283.

PREMISES TO LET.

EARLS BARTON, Northants (population 2,400); To Let, Retail Shop, rent 8s. per week inclusive of rates; excellent opening for Chemist. Apply T. Archer & Son, Estate Agents, Wellingborough.

HENDON (a growing centre).—Modern Shops, in a main road, now available at £100 per annum exclusive; allowance for shop front to approved tenants. Apply Johnston Evans, F.A.I., 194 Brent Street, Hendon. Phone Hendon 8131.

HILLINGDON, Main Uxbridge Road.—Shop and upper part in block of 5 (two already disposed of); low commencing rent of £110 p.a.; shop front installed to tenants' reasonable requirements. Apply Hillier, Parker, May & Rowden, 27 Maddox Street, W.1. Tele.: Mayfair 7666.

WELLINGBOROUGH, Northants (population 22,000).—To Let, new double-fronted Retail shop, with large room over; populous district; excellent opening for Chemist; moderate rental. Apply T. Archer & Son, Estate Agents, Wellingborough.

LARGE Room to Let at rear of Chemist shop; 15½ ft. wide by 17 ft. long, with large glass skylight; water, gas and electric light laid on; 2 miles from Oxford Circus; £1 week on 3 years' lease. 139/47, Office of this Paper.

SHOP TO LET on new estate in S.E. London, particularly suitable for Chemists; no opposition; 3 beds., living-room, kitchen, bath., and w.c.; rent £95 per annum excl. Rates, 98 London Road, Mitcham. Phone: Mitcham 2034.

TO MULTIPLE TRADERS AND OTHERS.—25,000 inhabitants practically without first-class shopping facilities. An excellent opportunity presents itself to traders in S.E. London suburb; excellent premises in new shopping centre, with housing accommodation if required. Write Davis Estates, Ltd., 348/350 High Road, Kilburn, N.W.6.

APARTMENTS.

THE HAMPDEN RESIDENTIAL CLUB

FOR GENTLEMEN, Hampden Street, N.W.1. Close to King's Cross and Euston. 300 Bedrooms. 12s. 6d. to 25s. per week, including bath, attendance and boot cleaning. All meals à la carte in dining room. Moderate tariff. Large Club Rooms, Library, Billiards Room, Reading Room and Study for Students. Illustrated Prospectus from Secretary. Euston 2244/5.

AGENCIES.

ADVERTISER, shortly returning to S. Africa, is opening an Office in Johannesburg and is desirous of obtaining some good Agencies for Drugs, Chemicals, Toilet Preparations, etc.; bank reference supplied. Write in first instance to P.C.B. 163/20, Office of this Paper.

PARTNERSHIPS.

LONDON, S.W.—Exceptional opportunity for Qualified M.P.S. to participate in two businesses which are combining; valuable plant and fittings; scope for upwards of £10,000 per annum; investment £2,000; returns £250 per annum, plus half share profits. Write 139/43, Office of this Paper.

APPRENTICES.

YOUNG Lady (19) desires Apprenticeship in London, commencing July or August; passed Part I; studied for C. & D. E. Anthony, 13 Wandsworth Bridge Road, Fulham, S.W.6.

SITUATIONS OPEN.

RETAIL (HOME).

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

BIRMINGHAM.—Haywards, Birmingham, Ltd., have Vacancy for Junior Assistant end of May; high standard expected. Apply to 90 Aston Road North, Birmingham, 6.

BLACKPOOL.—Qualified Assistant wanted, June 1 for season; knowledge of Photography and accustomed to quick Counter trade. Apply, with all particulars, to S. C. Coope, 201 Waterloo Road, Blackpool. Applications not replied to in 7 days declined.

CARDIFF.—Wanted, Qualified Assistant with Optical qualifications; must be of good appearance and well up in both branches of business. Apply, with age, experience, two recent references, photograph and salary required, Frank Edwards, 46 Cardiff Road, Llandaff.

DOUGLAS, I.O.M.—Qualified and Unqualified experienced Assistants (lady or gentleman) wanted at once for season. State age, experience, copy references, salary required, to G. J. Maley, Ltd., Strand Street, Douglas, Isle of Man.

GRAVESEND.—Qualified Lady Assistant required. Apply, stating age, experience and salary required, and forward copies of recent testimonials, to The Managing Secretary, Gravesend Co-operative Society, Ltd., 3 Harmer Street, Gravesend.

LIVERPOOL.—Qualified Manager for working-class district in South Liverpool; young, energetic and capable. Apply by letter, with full particulars, to M. D. Fox, 18 Knowsley Road, Bootle.

LONDON, E.—Middle-aged Qualified Assistant required; light duties. Age, references, salary required, etc., to 138/500, Office of this Paper.

LONDON, E.—Required, Qualified Lady to work up small neglected business which has had a good connection for many years; practically single-handed, but relief when necessary; comfortable berth for right person. Write, with full particulars and salary required, to 140/23, Office of this Paper.

LONDON, E.—Young Qualified Assistant required, mainly for N.H.I.; opportunity to learn rudiments of management. 138/5, Office of this Paper.

LONDON, N., near Finsbury Park.—Qualified Locum required from June 17 to 29 inclusive, chiefly for Dispensing and assist at Counter; age, references and salary. 140/5, Office of this Paper.

LONDON, S.W.—Assistant, either sex, for small middle- and working-class business; must have Dispensing experience and be agreeable share Sunday duty; no stamps; reference when asked; £3 per week. 140/6, Office of this Paper.

LONDON, S.W.—Permanency; Junior Assistant required, or Lady; for Dispensing and Counter; salary will be progressive. Give full details of experience to 138/29, Office of this Paper.

NEWQUAY.—Young Lady, Qualified, required from June 17th till end of September; must be accurate Dispenser and capable Counter Hand. State salary required, references, etc. (photo if possible), to E. M. Varley, Ltd., 38 Cliff Road.

SHEPHERD'S BUSH.—Junior (Improver) wanted at once; just completed Apprenticeship preferred; state particulars, experience, age, height, wages required; applications not answered in 7 days declined with thanks. R. H. Kerr, M.P.S., 442 Uxbridge Road, W.12.

WEST LONDON HOSPITAL, HAMMERSMITH ROAD, W.6.—Required, Qualified Locum (Male) for 18 weeks commencing May 27th; salary 4 guineas weekly; hours 9-6 or equivalent. Apply, stating age and experience, to The Pharmacist.

A PERMANENT Assistant required at once, one just Qualified preferred; South Coast, near Brighton. Particulars, age, salary, etc., and when free, F. E. Packer, 9 Clinton Place, Seaford, Sussex.

ADDITIONAL Qualified Optician required, young, having also experience in Pharmacy (but without Qualification); must be expert refractionist. Full particulars of previous experience, qualifications, age and salary required, to Secretary, Derby Co-operative Society, Ltd., Albion Street, Derby. Mark envelope "Optician."

BRANCH Manager required for the season; South Coast. Apply with full particulars and photograph, 138/49, Office of this Paper.

DISPENSER (Female) required for a London Voluntary Hospital commencing June 3rd; Clerical experience and Statistic (registration) knowledge an advantage; salary £150 p.a., with lunch and tea when on duty; superannuation scheme in operation. Applications, stating age, qualifications, details of experience, and full particulars, to be sent by Wednesday, May 22nd, to 260/41, Office of this Paper.

EXPERIENCED Junior, Male; used to quick Store trade; neat and accurate Dispenser; interview; applications unanswered in 3 days respectfully declined. Venables, Chemists, 290 Brixton Road, S.W.9.

IMMEDIATELY, for season, young Unqualified male Assistant (19-22 years); good gentlemanly appearance for high-class Counter trade and Photographics. Write stating experience; photograph with references essential, and remuneration (live out) Gordon Morum, Chemist, Arcade, Guernsey.

IMPROVER or Junior, for good-class Family and Dispensing business in London, S.W.; comfortable permanency, with prospects of advancement. State age, experience and salary required to 139/60, Office of this Paper.

JUNIOR Assistant, Unqualified, either sex, required quickly; Counter, Dispensing and Stock; apply personally or by letter state salary and send photo if possible, with stamped envelope for return. Bennett & Morris, Ltd., Chemists and Opticians, Opposite Station, West Wickham, Kent.

LADY, Unqualified, with good experience of Retail and Window Dressing; London. Apply "S.", 260/419, Office of this Paper.

LOCUM, Qualified, for 3 weeks commencing July 1st. Apply with full particulars, R. N. Gardner, 146 Cowley Road, Oxford.

LOCUM, Qualified, required for the first fortnight in June; possibly for a longer period according to arrangement. To Secretary, Pratts (Chemists), Ltd., 73 Salusbury Road, Kilburn, N.W.6.

MANAGER (30-40), Qualified, wanted; permanency to suit applicant; easy hours in working-class neighbourhood; North London district. Please send particulars, age, experience and wages to "Sylpine," 7 Thane Villas, London, N.7.

MESSRS. BOOTS have several vacancies in England for Unqualified ladies who have served registered apprenticeships. Applications, giving particulars, to Boots Pure Drug Co., Ltd., Retail Staff Dept., Nottingham.

M.P.S., LADY, required; able to undertake full control of small Surrey business; good personality and ability to increase trade are essential qualities. Write, with full particulars, 138/190, Office of this Paper.

PART-TIME Assistant for Evenings; Dispensing and Counter. Tuesday, Wednesday, Friday, 5.30-8.30; Saturday, 5.30-8.30; alternate Sundays, 6-8 p.m. Write, stating age, salary, to John 161 New Cross Road, S.E.14.

PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 100 to 150 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

PHARMACY.—Female Assistant required; must have had general Pharmaceutical and shop experience. Apply in writing, stating age and experience, to the Staff Manager, Royal Arsenal Co-operative Society, Ltd., 148 Powis Street, Woolwich, S.E.18. Enclose envelope "Pharmacy." Widows and single persons only considered. Note.—Canvassing of members of the General Committee or officials will disqualify.

QUALIFIED Assistant; capable of taking charge of neglected business, London, S.E. Full particulars as to age, experience and salary required to 140/26, Office of this Paper.

QUALIFIED Assistant (under 30) required June; London S.W. Suburb; good Salesman essential, as duties consist mainly of counter sales in busy middle-class business; interview essential. Full particulars of age, experience and salary. Applications unanswered in 10 days respectfully declined. 137/11, Office of this Paper.

QUALIFIED Assistant required, permanent; quick, accurate Dispenser; must be able to dress Windows; staff of five kept; able to take charge at times; no D. and P.; state age, height, experience and salary required. 139/36, Office of this Paper.

QUALIFIED Assistant wanted, early date, permanent; Retail and Dispensing, N.H.I.; full particulars age, references, etc. apply 139/23, Office of this Paper.

QUALIFIED Junior required at once, Lady or Gentleman, for country business. State age, height and salary required, and enclose photograph, to Smith, Chemist, Downham Market, Norfolk.

QUALIFIED Lady Dispenser wanted; Sussex; used to Good-class Dispensing Business. Write, stating age, experience, when engaged, salary required, etc., enclosing photo, if possible, to 40/27, Office of this Paper.

QUALIFIED Lady (not over 30) required for branch near Manchester; give full particulars, copy references, when free, and salary required (should be moderate to commence). Also Elderly qualified (Malco). Apply at once, 138/9, Office of this Paper.

QUALIFIED Lady or Gentleman M.P.S. wanted for branch shop; Light Retail and N.H.I. Apply, stating age, height, salary required, photo if possible (to be returned), to 140/11, Office of this Paper.

QUALIFIED Lady or Gent. (under 30) required for Middle-class Trade and N.H.I. work; permanency if suitable; state age, experience and salary required; replies unanswered in 7 days respectfully declined. Holroyd's (Cash Chemists), Ltd., 42 High Street, Pelsall, near Walsall, Staffs.

QUALIFIED, Lady, young, as Assistant in good-class Family and Dispensing business in London, S.E.; comfortable permanency. State age, experience and salary required to 139/6, Office of this Paper.

QUALIFIED Locum required August 5th to 17th, inclusive. Apply, stating salary required and experience, either by letter or personally, to C. J. Trewavas, 53 Baring Road, Lee, S.E.12.

QUALIFIED Locums required immediately; 5 months' continuous run, with strong possibility of permanency. Full particulars to 138/501, Office of this Paper.

QUALIFIED Manager required, young, married; small branch in Surrey; permanency; flat provided; opportunity to invest if desired; state salary and usual particulars, including photo. 38/47, Office of this Paper.

QUALIFIED Relief Man required for about 3 months from June 17, with possible permanency and managership for a suitable man; must be young and energetic, accustomed to brisk retail and N.H.I.; S.W. London district; state age, height, detail of experience and salary required. 139/8, Office of this Paper.

REQUIRED immediately, Qualified Chemist, for light duties, London, S.W.; would suit lady or elderly gentleman; very easy hours; state salary and particulars in first letter. 139/24, Office of this Paper.

REQUIRED, Qualified Chemist, Lady or Gentleman, for small private company; elderly no objection; Herts district; light duties, easy hours; a comfortable berth; please state usual particulars; replies not answered in 6 days respectfully declined. 39/30, Office of this Paper.

UNQUALIFIED Assistant for part-time work two or three afternoons and Saturday; must be used to modern Counter methods and N.H.I.; Croydon district; state age, height, details of experience and when free for interview. 139/80, Office of this Paper.

UNQUALIFIED Junior Assistant (Male) wanted; must be accurate Dispenser, with good knowledge of Photography, Toilet and General Counter Practice. Apply, giving full particulars of experience, age, height and salary required, to Rose, Chemist, Bullington Road, Oxford.

UNQUALIFIED Lady Assistant (age 23-26) required immediately in high-class Family Dispensing business, London suburb; good appearance and address essential; reliable Dispenser and Saleswoman; pleasant, permanent position; salary £2 and insurance. Full particulars as to age, height, experience and references to 140/4, Office of this Paper. Replies unanswered in 10 days respectfully declined.

VACANCY for Qualified Lady or Gent.; chiefly N.H.I. Details of experience and salary to Wilson, St. Lucia, 3 Sedgley Park Road, Prestwich, Manchester.

WANTED.—Assistants for season; must be accustomed to brisk good-class Retail and Dispensing, with Photographs. State full details of previous experience, age, height, salary required, when disengaged and enclose photo, to D. T. Evans, Ltd., Chemists and Opticians, Margate.

WANTED, for Summer or longer, Assistant, either sex; one leaving Apprenticeship preferred. Write, giving full particulars, age, experience, salary required (indoors) and references, to J. Watt, M.P.S., Burnham-on-Crouch.

WANTED.—Junior Assistant (age 21 to 24 years), working-class district. Reply 139/1, Office of this Paper, stating wage and experience, references; immediately.

WANTED.—Semi-retired Pharmacist for S.E. District to act as Superintendent; short hours. Reply, with full particulars, stating terms, to "Westwood," Westheath Road, Abbey Wood, S.E.

YOUNG Assistant, either sex, wanted for mixed country business; must have some experience of work in a Chemist's shop; outdoors; short hours; reply by letter, giving full particulars. Adams, Chemist, Spilsby, Lincs.

YOUNG Lady Assistant; Unqualified, wanted for about a month. Full particulars, age, salary required and references, to E. Collinson, Chemist, Park Road, Timperley, Cheshire.

YOUNG Lady required to manage new modern Chemist's; Qualified, good Window-dresser; permanency if suitable; some Buying experience; Manager with same qualifications entertained. Age, salary and photograph in first instance, Murray, 29 Penfold Road, Clacton-on-Sea.

YOUNG Qualified Man required to manage small modern Pharmacy situated in Surrey; applicants must have good personality and the ability to increase business. Apply, with full particulars, 138/19, Office of this Paper.

WHOLESALE.

LONDON Manufacturers require Representatives, all areas; connections among Chemists and Allied Trades, who can handle another line on liberal commission basis. Write territory covered and goods handled to 138/11, Office of this Paper.

LONDON.—Qualified Chemist, either sex, all-round Dispensing experience essential, to Manufacture on Small Scale Special Medicaments resembling Homeopathic and Toilet Preparations; sole charge laboratory; training by predecessor in special methods; British Manufacturing Agency. State salary required to P.C.B. 163/30, Office of this Paper.

SOUTH WALES AREA.—Live Representative for Old-established Toilet House, with good connection amongst Chemists, Hairdressers and Grocers in S. Wales, Bristol, Gloucester and Worcester; salary and commission; ear provided; please give full particulars in confidence, stating age and record. 260/423, Office of this Paper.

A YOUNG Chemist, not necessarily Qualified, but with good training, initiative and accuracy, required by a progressive firm of Beauty Preparation Specialists; good prospects for the right man. Write, giving full particulars, to 260/425, Office of this Paper.

CHEMIST AND GROCERY TRADE.—Company, about to market Health Foods of distinctive merit in association with an established French business, desires contact with a number of Salesmen doing business with above stores. Men calling on traders of the highest class are offered a commission which will substantially increase their earnings. Travellers for Dietetic Foods given preference. Full details of areas covered, number of live accounts and journey chart must accompany application, which will be treated in strict confidence; letters only. "F. V. D.," City Gate House, 39/45 Finsbury Square, E.C.2.

A YOUNG Qualified Chemist, with initiative, is required by a progressive firm of Beauty Preparation Specialists; good prospects for right man. Write, giving full particulars, to 260/424, Office of this Paper.

COMMISSION Salesmen required by old-established company for sale of Meat Extracts; only applicants already calling on Hospitals, Nursing Homes, Public Institution and Health Departments considered; liberal commission; reply in confidence, full details, present territory covered, etc. 260/426, Office of this Paper.

REPRESENTATIVES WANTED

DISTRICT REPRESENTATIVES of good standing, calling on **INDEPENDENT CHEMISTS** are required to introduce an exceedingly attractive proposition. This offers excellent additional remuneration to those already in touch with the independent chemist and cannot possibly conflict with the interests of any products already handled.

Applicants should answer the following questions:—

- (1) Area covered.
- (2) Period required to cover this area completely.
- (3) Nature of products handled.
- (4) Brief résumé of experience.

All applications will be treated in absolute confidence, and replies should be addressed to 260/427, Office of this Paper.

FIRST-CLASS Company wish to hear from experienced Salesmen all over the country desiring to take on two splendid lines on a commission basis only; must have excellent connection with Chemists, Stores, Hairdressers and Wholesalers, etc. 260/421, Office of this Paper.

MEDICAL REPRESENTATIVE.—Firm marketing High-class Ethical Products require Representative (between the ages of 25 and 35) for the London area; preference will be given to applicants holding a pharmaceutical qualification. Applications, stating age, experience and salary required, to 260/422, Office of this Paper.

OUTSTANDING OPPORTUNITY.—Speciality Salesmen (with own car) to introduce sensational novelty number (patented) which is revolutionising the Flap Jack trade. The biggest selling and repeat number in years. Progressive and well-known company ready to back the right type of man. Exclusive territories, salaries and commission; fidelity bond required. Full details in first letter. 260/428, Office of this Paper.

REPUTABLE Travellers or Firms wanted to handle high-class Toilet Preparation; keen Representatives, with personal connection, capable of introducing new lines, will be offered high commission rates and Sole Agency rights in allocated territories; no objection to carrying other lines. 136/11, Office of this Paper.

TRAVELLER having established connection with Chemists in all areas required to carry heavily advertised Shampoo with unusual merits; state terms. Box 438, Greenly's, 5 Chancery Lane, W.C.2.

VANISHING CREMES.—Accurate Analytical Report wanted on several popular Vanishing Creams by Qualified Analyst. Also required, Expert Vanishing Creams Maker. Write Ziro Laboratories, Shaftesbury.

COLONIAL, INDIAN AND FOREIGN.

EAST AFRICA.—Qualified Assistant, with all-round good experience, required by prominent Chemists; extensive knowledge of Photography and qualification in Optics essential; must be young, single and of good appearance and address; 4 years' agreement; first-class passage paid out and home; commencing salary £25 per month. Apply, with full particulars of previous experience, photograph and copies of references, to P.C.B. 165/21, Office of this Paper.

SITUATIONS WANTED.

RETAIL (HOME).

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A.A.A.A.—NOTED London Chemist is at liberty to offer his services as either Superintendent General Manager; 12 years' West End experience; Organiser, etc. own proprietary; only those requiring big business need apply 138/53, Office of this Paper.

A.A.A.—MANAGER (35), capable, experienced in branches, desires permanency, preferably with living accommodation. 140/10, Office of this Paper.

A.A.—MANAGER, Assistant; Prize Photographics; take highest references all departments; unregistered; London Provinces, or Locum. "Mac," Wotton-under-Edge, Glos.

A.A.—YOUNG Lady, Qualified, open for locum or permanent excellent experience and references; Glasgow or South Coast towns (Devon or Cornwall) preferred, but not essential. Apply 138/41, Office of this Paper.

A RELIABLE Manager (37) requires change; thoroughly experienced, conscientious and trustworthy; near S.W. London preferred; permanency. 139/13, Office of this Paper.

A DVERTISER, elderly, keen, capable, Qualified Pharmacy and Optics; registered; J.C.Q.O.; vacant dates May and June; abstainer; terms reasonable. F.B.O.A., 59 Bayford Road, Little Hampton.

A S LOCUM, Assistant or Relief; all-round experience; middle age; Unregistered. Little, c/o Gadsdon, Chemist, 196 High Street, Hounslow.

A SSISTANT, Lady, Unqualified, requires post; over 12 years' all-round experience; conscientious and reliable. "M. B." Room 62, "Lewis House," New Kent Road, S.E.

A SSISTANT (25), Qualified, requires position in good-class Dispensing Business; thoroughly experienced all branches; excellent references; disengaged June 3. 132/43, Office of this Paper.

ASSISTANT (23), Scot, Unqualified; expert D. and P., Salesman, Dispenser, Window-dresser; excellent references; accept post traveller; salary; S.E. preferred; personality; free. Steven, 9 Maxted Road, Peckham, S.E.15.

ASSISTANT (28), Unqualified; free; 8 years last situation; undeniable references; thoroughly capable all branches. Rimmer, 1 Morningson Crescent, N.W.1.

ASSISTANT (35), Unqualified; tall; keen, reliable; good all-round experience; quick, accurate Dispenser; sound references; London area. "Salol," 140/28, Office of this Paper.

ASSISTANT (26), Unqualified; good all-round experience; accurate Dispenser; Window-dressing; London. "Adv.," 44 Turnelle Road, W.14.

ASSISTANT (26), Unqualified; keen and experienced Salesman, reliable Dispenser; good references. "Chemicus," 47 Cooling Road, Folkestone.

ASSISTANT (26), Unqualified; 7 years' experience; moderate salary; anywhere. Rowe, 211 Isledon Road, London, N.7.

APABLE Assistant (26), Unqualified, seeks permanency; first-class all-round experience; accurate Dispenser. King, 61 Rodesbury Road, N.W.6.

EXPERIENCED Locum; £5. Harris, 119 Southbury Road, Enfield.

EXPERIENCED Pharmacist; Branch Manager, Superintendent, or in any capacity; exceptional references. "M.P.S.," 15 Manor Street, Plymouth.

S.M.C., M.P.S. (25), experienced, requires responsible position. 136/5, Office of this Paper.

ADY, Qualified, requires locum or permanency; free now; would manage; good general experience. Pharmacist, 5 Randolph Gardens, N.W.6.

ADY, Unqualified; long experience all branches; good Dispenser; Leeds district preferred; highest references; temporary or permanent. 138/52, Office of this Paper.

OCUM—Manager (44), Unqualified; long experience; active; tall; can travel; abstainer; highly recommended; disengaged. Alexander, 128 Uxbridge Road, W.12.

OCUM or Permanency; Qualified Manager (25, 5 ft. 10 in.); all-round experience; free soon. Mason, 86 Louis Street, Capetown Road, Leeds, 7.

OCUM, Qualified (37); all-round experience; any distance or period. Chemist, 50 Grove Lane, Camberwell, S.E.5.

OCUM—Ph.C., capable, reliable Dispensing, Photo, long experience, booking forward, any period; references; disengaged. Athony, 41A Prospect Hill, Swindon, Wilts.

OCUM, Unqualified; experienced; disengaged except July 22 to August 5. "Radix," 72 Tremadoc Road, Clapham, S.W.4.

OCUM with first-class experience and highest references; disengaged; any distance; Unqualified. "E. F.," 159 Greenes, N.13.

ONDON ONLY—Qualified Manager; good references; Dispensing, Counter, Window-dressing and Photographics; abstainer and liable. 139/44, Office of this Paper.

MANAGER, Locum or Relief, fully Qualified; lengthy experience; London district; please state terms and salary. 140/15, Office of this Paper.

I.P.S., LADY, certificates in Sick Nursing and First Aid, desires Hospital post; locum or permanency; 12 years' experience; excellent references. 139/25, Office of this Paper.

I.P.S. (26), Male, single; disengaged shortly; Dispensing, Counter, Windows, Photographic experience; good references. 139/55, Office of this Paper.

NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensue. Strict attention to this detail will be appreciated.

M.P.S. (39), married, requires position with view to succession over period; 14 years' management experience; South or Midlands. Apply 138/7, Office of this Paper.

QUALIFIED Lady requires locum work, June 30-August 17; Hampshire preferred. 140/20, Office of this Paper.

QUALIFIED Locum; free June 1 till 15, July 28 till August 10 and after September 8. Jones, 331 Fubourne Road, E.17.

QUALIFIED Scot (26), tall; experienced (London and country) Dispensing, Photography, Window-dressing; as Manager or Qualified Assistant. 139/46, Office of this Paper.

QUALIFIED (52), single; good all-round provincial and West End experience; references good; permanency preferred; free by arrangement. Any replies to "Chemist," 59 Lytchett Minster, Poole, Dorset.

QUALIFIED (24), tall, requires post in Good-class Business, conveniently South-East London; good references and experience; reliable and energetic. 139/16, Office of this Paper.

QUALIFIED (26), 9 years' experience in High-class Pharmacy, desires good position; excellent references. 138/1, Office of this Paper.

UNQUALIFIED; experienced, quick and accurate; Dispenser, Prescriber, Photographics, Counter; well recommended; in or around Chester or Liverpool—preferred. 139/29, Office of this Paper.

UNQUALIFIED (32); for seasonal or permanent; Truss Fitting, Window-dresser and Dispenser. S. Upson, 40 Stoke Road, Gosport.

UNQUALIFIED (24); tall; referred Part 2; locum or permanent; has managed Drug Store. Bowler, 8 Second Avenue, Bath.

WHAT OFFERS?—Unqualified Assistant (24; 6 ft. 3 in.) seeks situation in North until October; 9 years' experience D. & P., N.H.I., etc. "Brindledean," Finstal Road, Bromsgrove, Worcs.

YORKSHIREMAN, Qualified Manager (25, 5 ft. 10 in.) desires change; good varied experience; Practisedist; free shortly. 19 General Street, Blackpool, Lancs.

YOUNG Lady, experienced in all branches of Photography, can assist in Toilets, desires change; good Window-dresser. Write 138/23, Office of this Paper.

YOUNG Lady (20) desires post; 4 years' Apprenticeship; Dispensing, Counter, Window-dressing and Photographic; free May 25th. "Chemist," Market Pharmacy, Aylsham, Norfolk.

YOUNG Man (23), Unqualified; tall; 8 years' London experience; good Salesman and Window-dresser; no N.H.I. Dispensing; start immediately; anywhere; London preferred. "Pooles," Drug Stores, Winnersh, Berks.

WHOLESALE.

A THOROUGHLY well-known, experienced Representative, whole of London, open to consider really well-known reputable House, Wholesale and Retail Chemists and allied trades; own car; exceptional credentials. 132/3, Office of this Paper.

ADVERTISER (32), disengaged, desires appointment with established House; life experience Drugs, Toilets and Sundries; own car and excellent connection with Chemists and Stores in the West of England. "J. L. W.," Stone House, Wantage, Berks.

ADVERTISER, 16 years' connection Chemists, etc., Eastern, South-Eastern Counties, South London, with well-known firms, seeks re-engagement; all or part of territory. N. Izod, 69 Friern Road, London, S.E.22.

ASSISTANT; experienced Toilets, Laboratory Compounding, Wet and Dry Counters; useful all-round man. Reynolds, 135 Avenell Road, N.5.

EXPERIENCED Chemist as Outdoor Representative; Medical, Drug; some experience on road; highest integrity; good presence; nominal salary to gain further experience; no car. Harris, 119 Southbury Road, Enfield.

EXPERIENCED Representative (29), at present engaged, desires change; efficient Salesman; likeable personality; keen to Represent First-class Manufacturing or Proprietary House of repute; thorough knowledge; West and North Midlands, North of England, Scotland; drive car; excellent references. 139/2, Office of this Paper.

MEDICAL Representation—Qualified Pharmacist, young, energetic, desires represent first-class house in Scotland; experienced Propaganda; knowledge Therapeutics; administrative and interviewing ability; drive car; disengaged; first-class references. 140/29, Office of this Paper.

CLEAR OUT—your Old or Damaged Stock of Photo Goods.

Why keep them any longer? Turn them into CASH. I GIVE BEST PRICES for Old Films (damaged, fogged or expired dates); Packet Papers, Cards (any sizes), Old Photo Goods or Cameras. Bromide Papers, Plates (all sizes, all makes). Send any goods in the photo line. I buy all, good or bad. Cash per return. A good price for all Cameras. Send them along.

S. E. HACKETT, 23 July Road, Liverpool

PHARMACIST (22) desires Progressive Post with Manufacturing Chemists near London; considering further studies. 67 Eastfield Road, Andover.

PILL and Tablet Maker; experienced; also Pessaries and Suppositories; Powders; put up own lines; disengaged. W. Hearn, 114 Lucey Road, Bermondsey, S.E.16.

REPRESENTATIVE (36), energetic, desires progressive post with enterprising house; 11 years with present firm; well known to Chemists in the Midlands; unapproachable connection; 17 years' experience in Heavy Drugs, etc. "Traveller," c/o 336 Gooch Street, Birmingham.

TABLETS, Pills; disengaged (age 25) seeks position; good knowledge and experience. Glynn, 13 Banville Grove, London, S.E.16.

YOUNG Man (22), Matriculation, 6½ years Wholesale, requires situation Wholesale or Retail, Photography. "Query," 2 Norman Street, York.

COLONIAL, INDIAN AND FOREIGN

PUBLICITY Expert seeks position organising the Sale of Pharmaceutical Products; personal relations with demonstrators in the University Clinics and Laboratories of Europe and South America, as well as the world medical press; age 32, single; extensive Medical experience and thorough training. Write "V. K.," c/o Santo Vansia, 16 Via Accademia, Milan.

FOR SALE.

(Articles to the value of £5-£50.)

ABOUT 100 Gross Aluminium Collapsible Tubes, 1 in. x 4 in., 3s. 6d. per gross; bargain; not the price of the metal. L. Elboz & Son, 94 Fernside Road, S.E.24.

GLASS Front Counter, 6 ft. long, 3 ft. high, 2 ft. deep; also square Glass Upright Counter Case; 2 glass Shelves, size about 2 ft. square and 3 ft. high; bargains for quick sale. Call, Chemist, 14 High Street, Marylebone.

NATIONAL Cash Register; sound; modern style; adds all cash; prints all sales; snip. Write R. Clarke, 40 Mandeville Houses, Chapel Street, N.1.

MISCELLANEOUS.

10s. for 60 words or less; 1s. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

CHEMISTS' FITTINGS.—We hold an immense stock of Drug Fittings, Dispensing Screens, Glass-fronted Counters, Perfumery Cases, Nests of Drawers, Wall Cases, Silent Salesmen, Upright and Flat Counter Cases, Plate Glass Counters, Cash Tills, Display Stands and Glass Shelves, etc., at competitive prices. F. MAUND & E. BERG (SHOWCASES), LTD., Shop Fitters and Shop Front Builders, 175/9 Old Street, London, E.C.1.

LIMITED Quantities available (in 25lb. cases) of Cuttlefish Bone, also Pure Cod Liver Oil (in casks), from Greenland and Newfoundland; likewise Camomiles and other Medicinal Herbs offered at lowest values by Limeul, Exporter of French Produce, 13 rue Havane, St. Nazaire-sur-Loire, France.

Price lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

LIMITED LIABILITY COMPANY REGISTRATIONS

The prudent man makes his position, and that of his dependents, secure by limiting his Liability. Costs are not high if the work is placed with **THOS. WATTS & WALKER LTD.** who effect registrations North, South, East and West, and you are invited to communicate with them.

VALUABLE QUALIFIED EXPERIENCE TO DRAW UPON. INTERESTS OF CLIENTS ALWAYS UPPERMOST. A VICE FREE AND PROMPTLY GIVEN. SIMPLICITY IN PROCEDURE. GUARANTEED SATISFACTION. Address: O'forl Chambers, 9 Oxford St., Manchester, 1. Phone: Central 6200

10 FT. Drug Fitting; 6 ft. Wall Case; 12 ft. Glass-fronted Counter; nests of Counter Drawers; 6 ft. Dispensing Screen and Counter; Counter Case; Personal Weighing Machine; Chair; all reconditioned and polished. **PHILIP JOSEPHS & SONS, LTD.**, 90/92 St. John Street, Clerkenwell, E.C.1. Telephone: Clerkenwell 2191. "Pharmacy fitters for over a century."

£?—COMPLETE CHEMIST FITTINGS at any price you wish to pay. We have erected in our showrooms a Complete Chemist's Shop with Metal Shop Front, Window Backs, Correct Window Lighting Signs and Modern Interior Fittings. Apply for Lists, **D. MATTHEWS & SON, LTD.**, "The Liverpool Shop Fitters," 14 and 16 Manchester Street, Liverpool. Est. 1848.

EXCHANGE COLUMN.

2d. per word, minimum 2s. (Box No., 1s. extra.)

FOR DISPOSAL.

(Articles up to the value of £5.)

CHEM. Society Jnls., 15s. year post free; Allen's Organic Analysis, 5 vols., 30s.; 22 oz. Sparteine Sulph., 20s.; 5 lb. Vanilla beans, 15s.; set 50 gram. balance weights, 15s., or near offers. Chemist, 81 Chancery Lane, W.C. Hol. 7019.

FIVE Gross Ounce Flat Perfume Bottles, with Bakelite Caps; 10s. gross, carriage forward. Sample from Braid, Chemist, Exmouth.

REFLEX, Focal Plane Cameras, Medas Ciné, Magnet Electric Sweeper. 138/39, Office of this Paper.

WANTED.

COMPLETE Fixtures and Fittings, suitable for shop 19 ft. x 14 ft.; must be in good condition and reasonable. 139/32, Office of this Paper.

GAYETTY Toilet Paper, single packets or more; state quantity and price to D. L. Evans, 32 Harrington Road, S. Kensington, S.W.7.

THE SUPPLY OF SUPPLEMENTS

On receipt of addressed Post Office

Wrappers (not more than six at a time

stamped 1d. the Chemist and Druggist

Supplement will be forwarded without cost

LOOSE STAMPS WILL NOT BE ACCEPTED

If wrappers bear a halfpenny stamp only, post

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